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Rabbit Anti-HFH4 antibody

SL1775R

Product Name:	HFH4
Chinese Name:	叉头蛋白J1抗体
Alias:	Forkhead box protein J1; FOXJ-1; winged helix; FOXJ1; FKHL13; HFH-4; HFH4; MGC35202; forkhead box J1; Forkhead Homologue 4; Forkhead related protein FKHL13; Fox J1; Hepatocyte nuclear factor 3 forkhead homolog 4; HNF-3/forkhead homolog 4; FOXJ1_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800Flow-Cyt=0.2ug/testIF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	46kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FOXJ1:161-260/421
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	This gene encodes a member of the forkhead family of transcription factors. Similar genes in zebrafish and mouse have been shown to regulate the transcription of genes that control the production of motile cilia. The mouse ortholog also functions in the determination of left-right asymmetry. Polymorphisms in this gene are associated with

systemic lupus erythematosus and allergic rhinitis.[provided by RefSeq, Sep 2009]

Function:
May play an important role in cell fate determination during lung development and in spermatogenesis.

Subcellular Location:
Nucleus.

Tissue Specificity:
Testis, oviduct, lung and brain cortex.

DISEASE:
Genetic variations in FOXJ1 may be associated with susceptibility to allergic rhinitis (ALRH) [MIM:607154]. Allergic rhinitis is a common disease of complex inheritance and is characterized by mucosal inflammation caused by allergen exposure.

Similarity:
Contains 1 fork-head DNA-binding domain.

SWISS:
Q92949

Gene ID:
2302

Database links:

Entrez Gene: 2302Human

Entrez Gene: 15223Mouse

Entrez Gene: 116557Rat

Omim: 602291Human

SwissProt: Q92949Human

SwissProt: Q61660Mouse

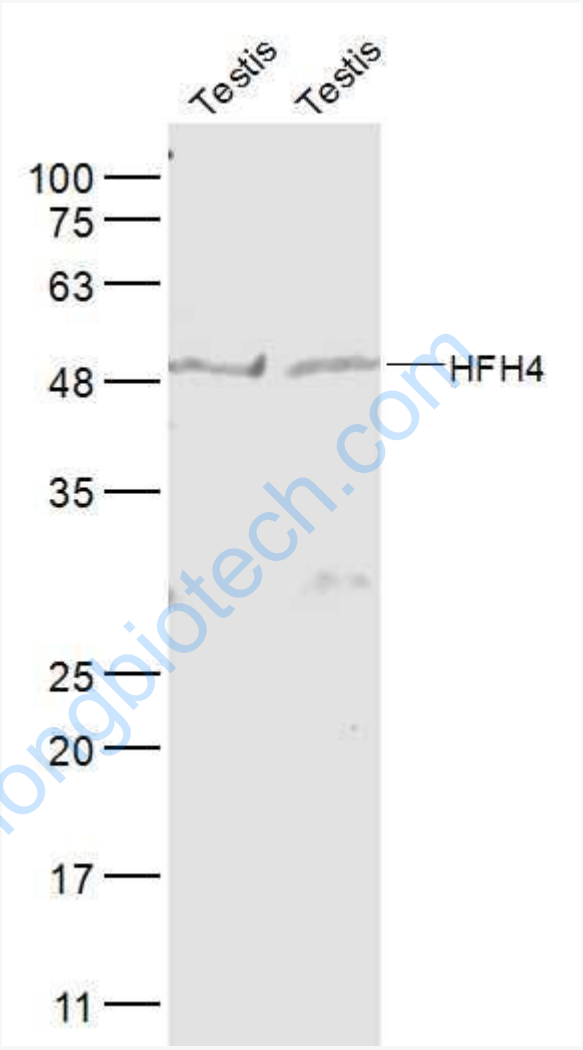
SwissProt: Q63247Rat

Unigene: 651204Human

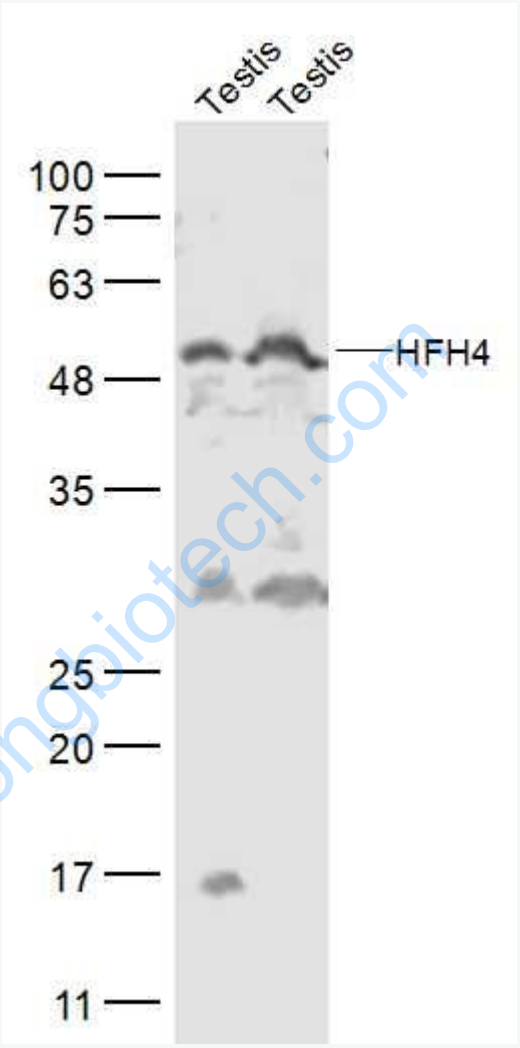
Unigene: 378938Mouse

Unigene: 202954Rat

Important Note:

	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Picture:	 Sample: Testis (Mouse) Lysate at 40 ug Testis (Rat) Lysate at 40 ug Primary: Anti-HFH4 (SL1775R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 46 kD

Observed band size: 50 kD



Sample:

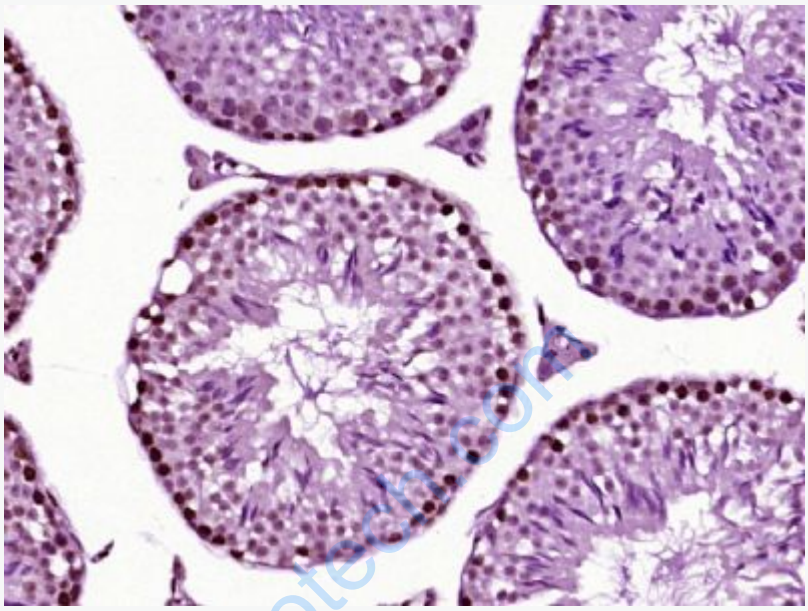
Testis (Mouse) Lysate at 40 ug

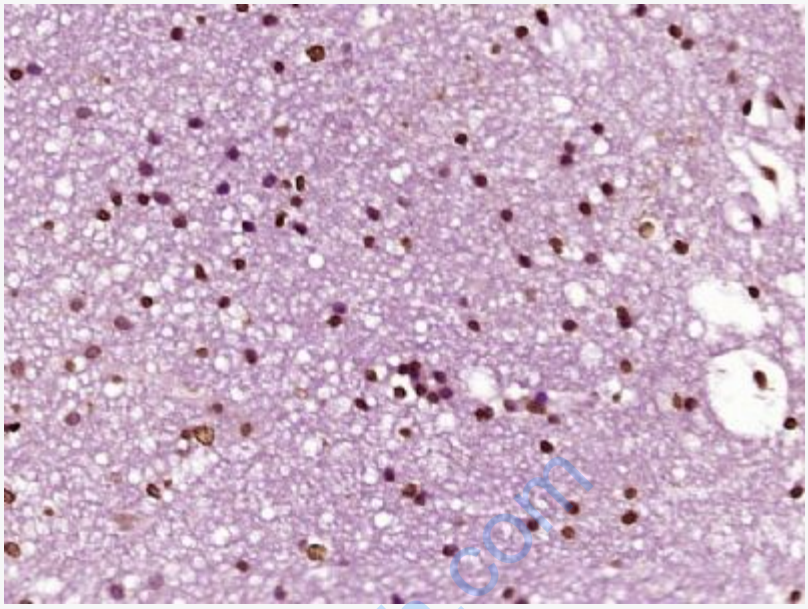
Testis (Rat) Lysate at 40 ug

Primary: Anti-HFH4 (SL1775R) at 1/500 dilution

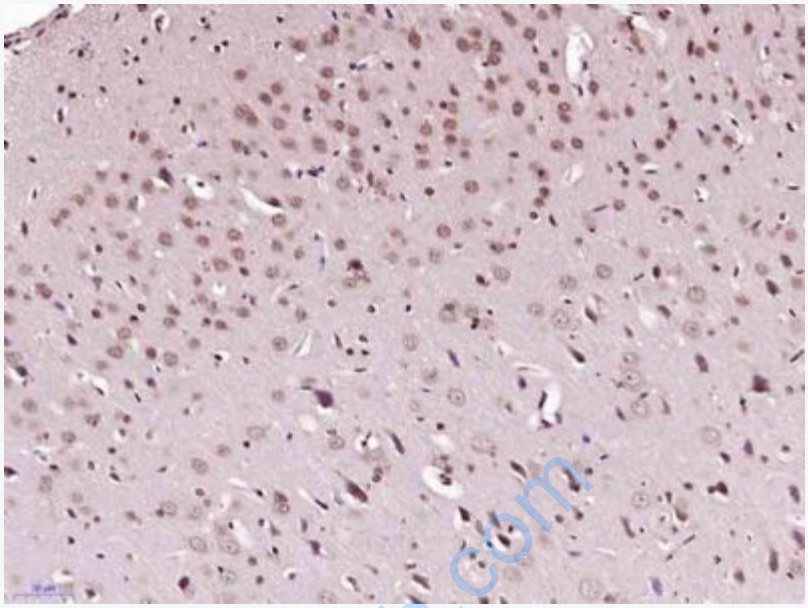
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 46 kD

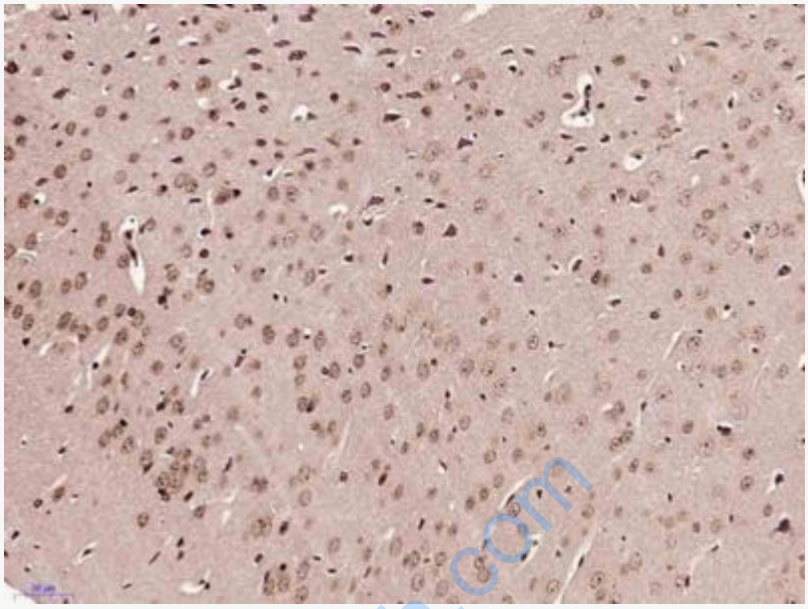
	Observed band size: 50 kD  Paraformaldehyde-fixed, paraffin embedded (mouse testis tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (HFH4) Polyclonal Antibody, Unconjugated (SL1775R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



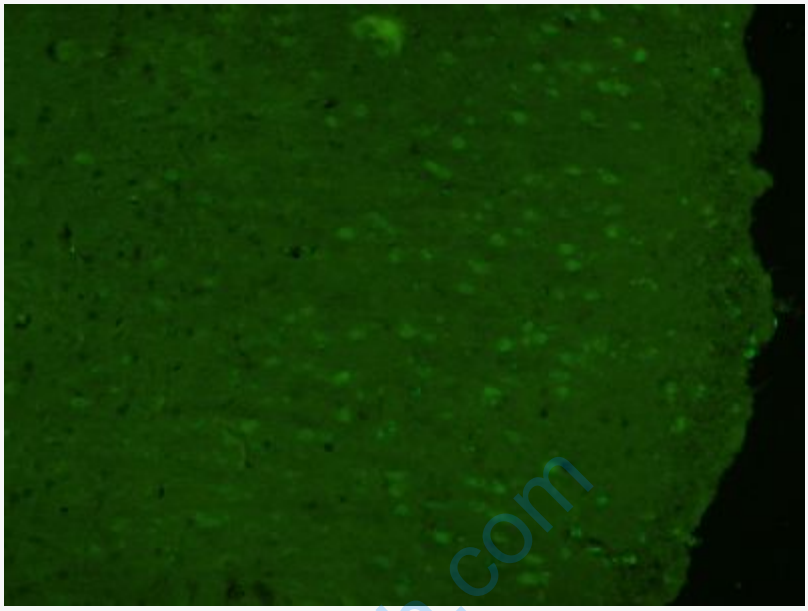
Paraformaldehyde-fixed, paraffin embedded (human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (HFH4) Polyclonal Antibody, Unconjugated (SL1775R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



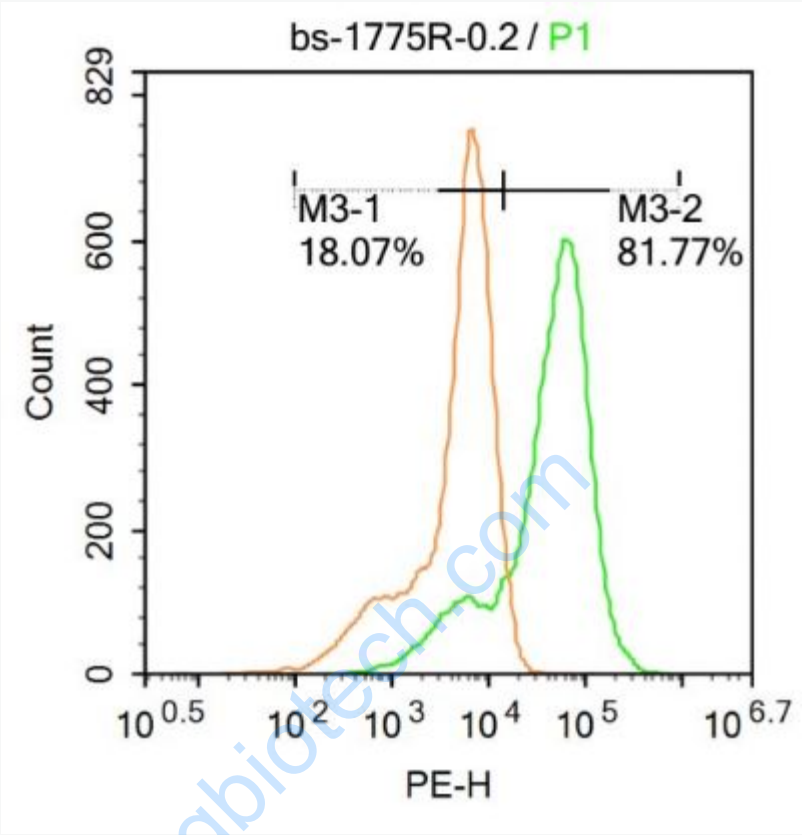
Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (HFH4) Polyclonal Antibody, Unconjugated (SL1775R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (HFH4) Polyclonal Antibody, Unconjugated (SL1775R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (FOXJ1) Polyclonal Antibody, Unconjugated (SL1775R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (SL1775R) for 90 minutes, and DAPI for nuclei staining.



U-937 cells were fixed with 4% PFA for 10min at room temperature,permeabilized with 90% ice-cold methanol for 20 min at room temperature, and incubated in 5% BSA blocking buffer for 30 min at room temperature. Cells were then stained with HFH4 Antibody(SL1775R)at 1:500 dilution in blocking buffer and incubated for 30 min at room temperature, washed twice with 2%BSA in PBS, followed by secondary antibody incubation for 40 min at room temperature. Acquisitions of 20,000 events were performed. Cells stained with primary antibody (green), and isotype control (orange).