



Rabbit Anti-FBXO44 antibody

SL16050R

Product Name:	FBXO44
Chinese Name:	FBXO44蛋白抗体
Alias:	5730411K09; AV001623; DKFZp781J0852; F box gene 3; F box only protein 44; F box only protein 6a; F box protein 44; F box protein FBX30; F box/G domain protein 3; F-box only protein 44; F-box protein FBX30; F-box/G-domain protein 3; FBG3; FBX30; FBX44; FBX44 HUMAN; FBX6A; Fbxo44; Fbxo6a; MGC14140; RGD1562463.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Cow,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=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:	30kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human FBXO44:101-200/255
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 F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are

divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class. It is also a member of the NFB42 (neural F Box 42 kDa) family, similar to F-box only protein 2 and F-box only protein 6. Four alternatively spliced transcript variants encoding two distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Function:

Substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex.

Subunit:

Part of a SCF (SKP1-cullin-F-box) protein ligase complex. Interacts with SKP1 and CUL1.

Tissue Specificity:

Abundantly expressed in brain and kidney. Expressed at lower levels in heart, spleen and liver.

Similarity:

Contains 1 F-box domain.

Contains 1 FBA (F-box associated) domain.

SWISS:

Q9H4M3

Gene ID:

93611

Database links:

[Entrez Gene: 93611](#) Human

[Entrez Gene: 230903](#) Mouse

[Entrez Gene: 500587](#) Rat

[Omim: 609111](#) Human

[SwissProt: Q9H4M3](#) Human

[SwissProt: Q8BK26](#) Mouse

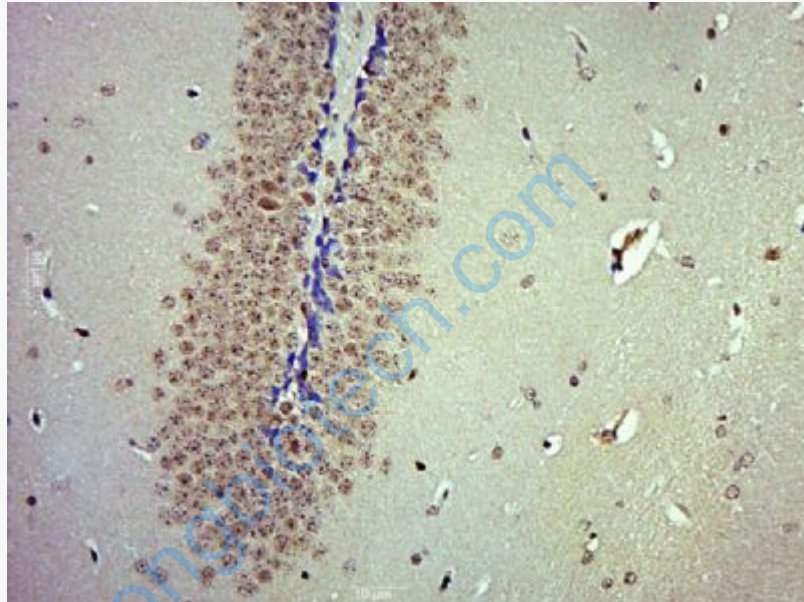
[Unigene: 556006](#) Human

[Unigene: 220327](#) Mouse

[Unigene: 401783](#) Mouse

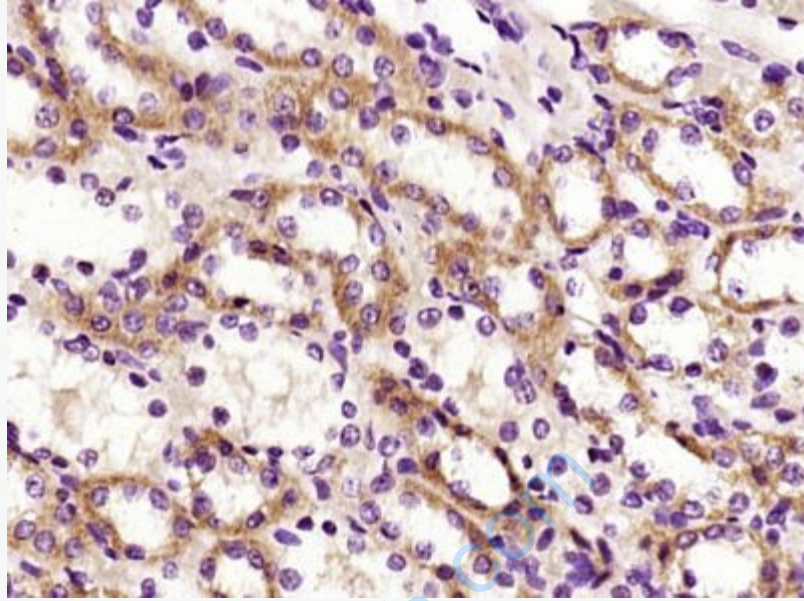
Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

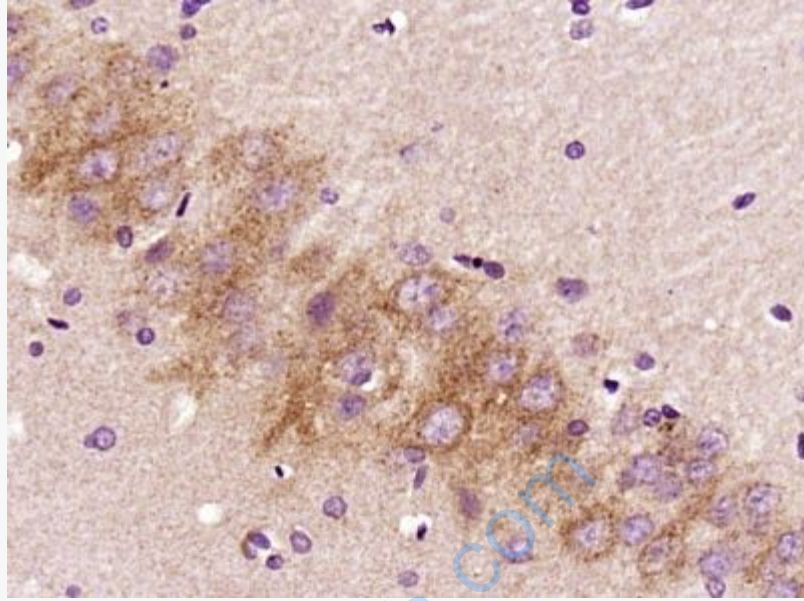


Picture:

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 (FBXO44) Polyclonal Antibody, Unconjugated (SL16050R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat kidney); 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 (FBXO44) Polyclonal Antibody, Unconjugated (SL16050R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and 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 (FBXO44) Polyclonal Antibody, Unconjugated (SL16050R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.