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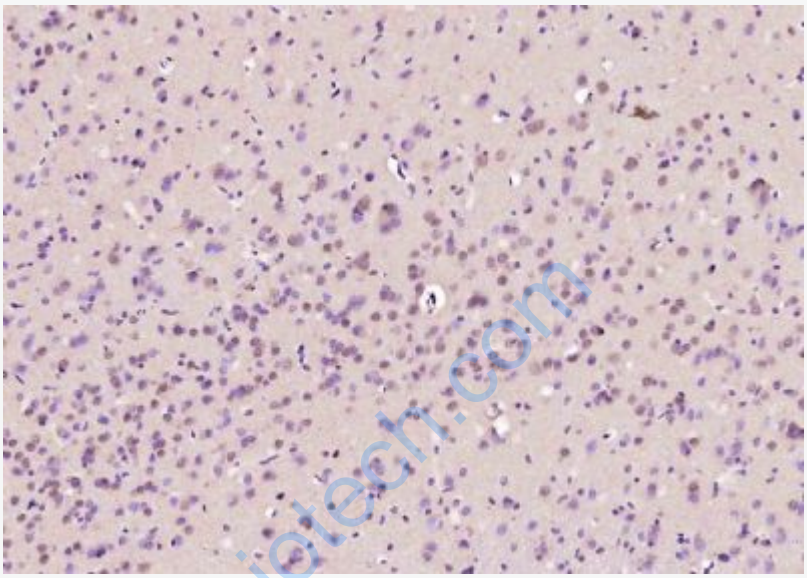
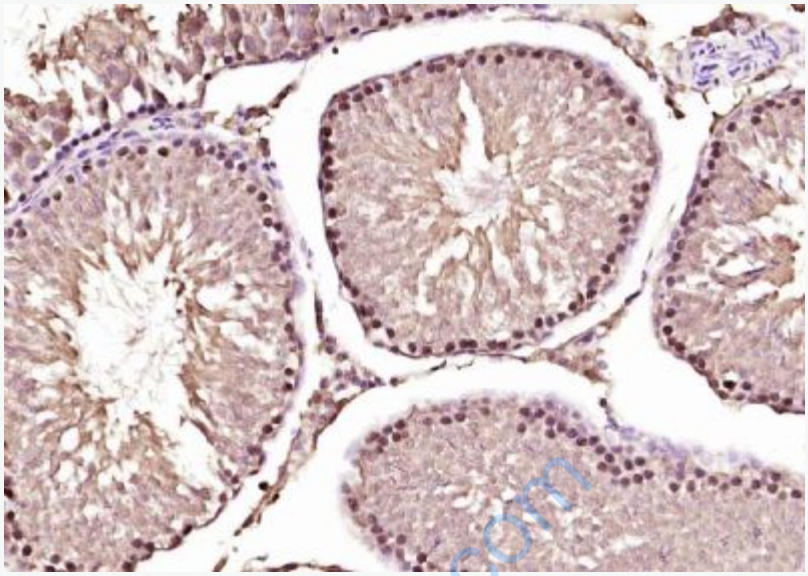
Rabbit Anti-AKIRIN1 antibody

SL9081R

Product Name:	AKIRIN1
Chinese Name:	AKIRIN1蛋白抗体
Alias:	AKIRIN 1; C1orf108; FLJ12666; OTTHUMP00000008669; RP11-781D11.2; STRF2; AKIR1_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Horse,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	22kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human AKIRIN1:101-192/192
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:	AKIRIN1 is dispensable in the mouse, and neither knockout mice nor cells derived from them have obvious distinctive phenotypes. In contrast, Akirin2 is required for development in the mouse and knockout of both Akirin homologs in mice show that Akirin2 is required downstream of toll-like receptor (TLR), TNF-alpha and IL-1beta signaling, and for the production of IL-6. Akirin2 is functionally closer to the single gene in Drosophila, as the homozygous null D. melanogaster Akirin mutants show a

	similar, mid-to-early embryonic death.The highly conserved, nuclear-localized AKIRIN1 and Akirin2 proteins critically regulate the transcription of NF-kB dependent genes and are required for defense against Gram-negative bacteria in the immune deficiency and NF-kB pathways. **Subcellular Location:** Nuclear **Tissue Specificity:** Widely expressed with the highest expression in heart, liver, placenta and peripheral blood leukocytes. **Similarity:** Belongs to the akirin family. **SWISS:** Q9H9L7 **Gene ID:** 79647 **Database links:** Entrez Gene: 79647Human Entrez Gene: 68050Mouse Entrez Gene: 595134Rat Omim: 615164Human SwissProt: Q9H9L7Human SwissProt: Q99LF1Mouse Unigene: 293563Human Unigene: 27903Mouse Unigene: 390996Mouse Unigene: 486258Mouse Unigene: 3674Rat

	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 (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 (AKIRIN1) Polyclonal Antibody, Unconjugated (SL9081R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat testis); 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 (AKIRIN1) Polyclonal Antibody, Unconjugated (SL9081R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.