



Rabbit Anti-Tollip antibody

SL18168R

Product Name:	Tollip
Chinese Name:	Toll蛋白相互作用蛋白抗体
Alias:	Adapter protein; FLJ33531; IL 1RAcPIP; IL1RAcPIP; TOLIP; TOLIP_HUMAN; Toll interacting protein; Toll-interacting protein; tollip.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Xenopus laevis
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:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Tollip:101-200/274
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 ubiquitin-binding protein that interacts with several Toll-like receptor (TLR) signaling cascade components. The encoded protein regulates inflammatory signaling and is involved in interleukin-1 receptor trafficking and in the turnover of IL1R-associated kinase. [provided by RefSeq, Aug 2011]
	Function:

Component of the signaling pathway of IL-1 and Toll-like receptors. Inhibits cell activation by microbial products. Recruits IRAK1 to the IL-1 receptor complex. Inhibits IRAK1 phosphorylation and kinase activity.

Subcellular Location:

Cytoplasm.

Post-translational modifications:

Phosphorylated by IRAK1 upon stimulation by IL-1 or microbial products.

Similarity:

Belongs to the tollip family.

Contains 1 C2 domain.

Contains 1 CUE domain.

SWISS:

Q9H0E2

Gene ID:

54472

Database links:

[Entrez Gene: 54472](#) Human

[Entrez Gene: 423099](#) Chicken

[Entrez Gene: 539480](#) Cow

[Entrez Gene: 54473](#) Mouse

[Entrez Gene: 361677](#) Rat

[Entrez Gene: 336876](#) Zebrafish

[Omim: 606277](#) Human

[SwissProt: Q5ZK05](#) Chicken

[SwissProt: Q2LGB5](#) Cow

[SwissProt: Q9H0E2](#) Human

[SwissProt: Q9QZ06](#) Mouse

[SwissProt: A2RUW1](#) Rat

[SwissProt: Q7ZV43](#) Zebrafish

[Unigene: 368527](#) Human

[Unigene: 103551](#) Mouse

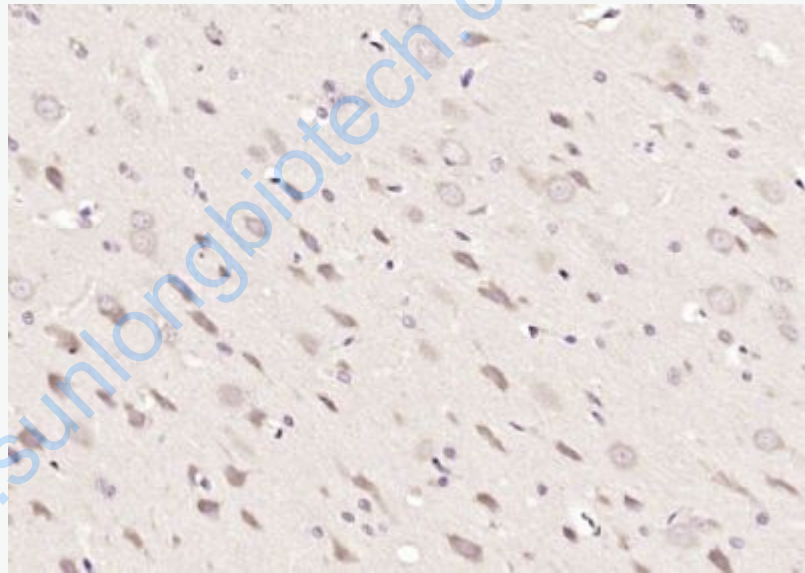
[Unigene: 137040](#) Rat

[Unigene: 79855](#) Zebrafish

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 (Tollip) Polyclonal Antibody, Unconjugated (SL18168R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.