

TOLLIP Antibody

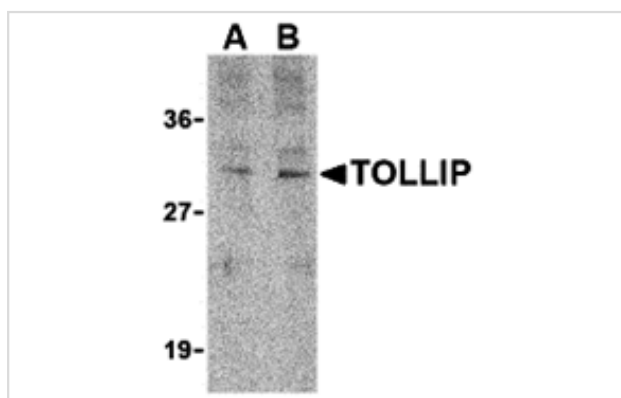
Catalog No: #24388

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

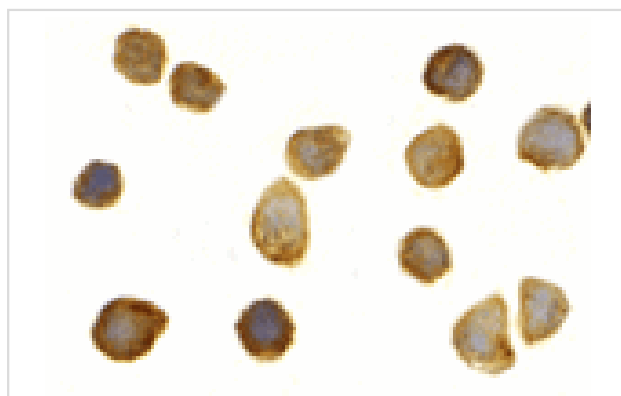
Description

Product Name	TOLLIP Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB ICC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide
Immunogen Description	Raised against a 16 amino acid peptide from near the carboxy terminus of human TOLLIP.
Target Name	TOLLIP
Other Names	Toll interacting protein
Accession No.	Swiss-Prot:Q9H0E2Gene ID:54472
Uniprot	Q9H0E2
GeneID	54472;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

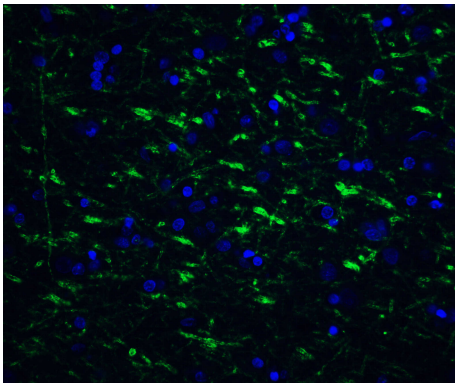
Images



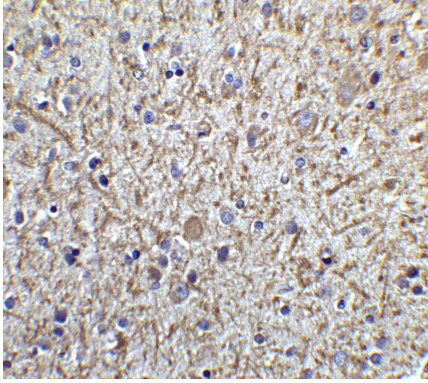
Western blot analysis of TOLLIP in rat brain cell lysate with TOLLIP antibody at (A) 1 and (B) 2 ug/mL.



Immunocytochemistry of TOLLIP in THP-1 cells with TOLLIP antibody at 2 ug/mL.



Immunofluorescence of TOLLIP in human brain tissue with TOLLIP antibody at 20 $\mu\text{g/ml}$.



Immunohistochemistry of TOLLIP in human brain tissue with TOLLIP antibody at 5 $\mu\text{g/ml}$.

Background

Toll-like receptors (TLRs) are evolutionarily conserved pattern-recognition molecules resembling the toll proteins that mediate antimicrobial responses in *Drosophila*. These proteins recognize different microbial products during infection and serve as an important link between the innate and adaptive immune responses. The TLRs act through adaptor molecules to activate various kinases and transcription factors so the organism can respond to potential infection. These adaptor molecules include TOLLIP, MyD88, and TRIF. TOLLIP associates directly with TLR2 and TLR 4, acting as an inhibitor to TLR activation. This negative regulation of TLR signaling may serve to limit the production of proinflammatory mediators during infection and inflammation.

Note: This product is for in vitro research use only