BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Toll-interacting protein TOLLIP Antibody

Catalog Number: A02039

About TOLLIP

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.

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Overview

Product Name	Anti-Toll-interacting protein TOLLIP Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Toll-interacting protein TOLLIP Antibody (Catalog # A02039). Tested in ELISA, WB, IHC-P, ICC, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, ICC, WB
Clonality	Polyclonal
Formulation	TOLLIP Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	TOLLIP antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9H0E2

Technical Details

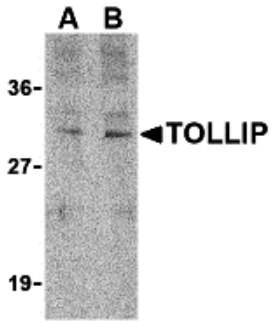
Immunogen	TOLLIP antibody was raised against a 16 amino acid synthetic peptide from near the carboxy terminus of human TOLLIP. The immunogen is located within the last 50 amino acids of TOLLIP.
Predicted Reactive Species	Bovine, Chicken

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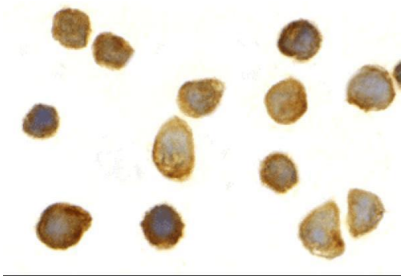
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	TOLLIP Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	TOLLIP antibody can be used for the detection of TOLLIP by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 5 ug/mL and immunocytochemistry starting at 2 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in rat samples; Immunohistochemistry in human samples; Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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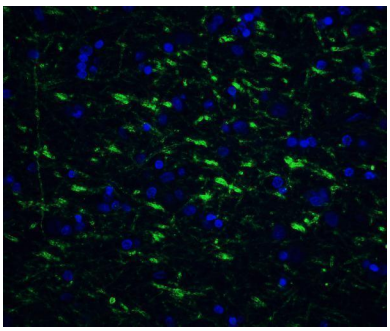
Anti-Toll-interacting protein TOLLIP Antibody (A02039) Images



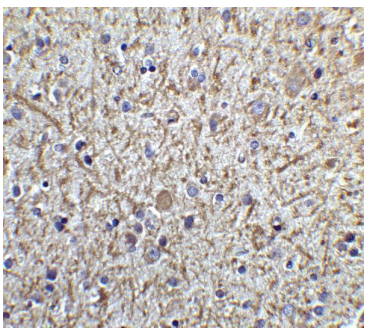
Western blot analysis of TOLLIP in rat brain cell lysate with TOLLIP antibody at (A) 1 and (B) 2 ug/mL.



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 ug/ml.Green: TOLLIP Antibody (A02039) Blue: DAPI staining



Immunohistochemistry of TOLLIP in human brain tissue with TOLLIP antibody at 5 ug/ml.

Anti-Toll-interacting protein TOLLIP Antibody

For Research Use Only. Not for use in diagnostic procedures.