

Product datasheet for **TA306293**

TOLLIP Rabbit Polyclonal Antibody

Product data:

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| Product Type: | Primary Antibodies |
| Applications: | IF, WB |
| Recommended Dilution: | WB: 0.5 - 2 ug/mL, ICC: 2 ug/mL |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | TOLLIP antibody was raised against a 16 amino acid peptide from near the center of human TOLLIP. |
| Formulation: | PBS containing 0.02% sodium azide. |
| Concentration: | 1ug/ul |
| Purification: | Affinity chromatography purified via peptide column |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | toll interacting protein |
| Database Link: | AAH18272 Entrez Gene 54472 Human Q9H0E2 |

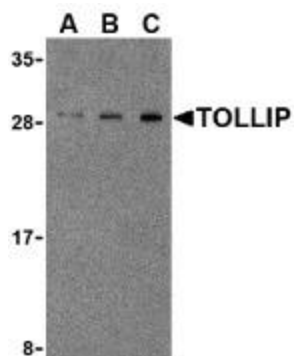
Background: Toll-like receptors (TLRs) are evolutionarily conserved pattern-recognition molecules resembling the toll proteins that mediate antimicrobial responses in *Drosophila*. These proteins recognize different microbial products during infection and serve as an important link between the innate and adaptive immune responses (1,2). The TLRs act through adaptor molecules to activate various kinases and transcription factors (3) 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 (4). This negative regulation of TLR signaling may serve to limit the production of proinflammatory mediators during infection and inflammation.



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Synonyms: IL-1RAcPI

Product images:



Western blot analysis of TOLLIP in rat brain cell lysate with TOLLIP antibody at (A) 0.5, (B) 1 and (C) 2 μ g/mL.



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