

Rabbit anti-Human TOLLIP Polyclonal Antibody | anti-TOLLIP antibody

TOLLIP Antibody (C-term)

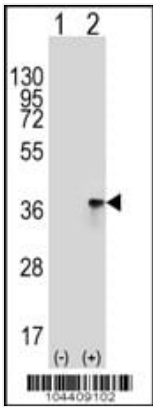
CATALOG # AAA284308	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry, ELISA
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PRODUCT SYNONYMS

TOLLIP; Polyclonal Antibody; TOLLIP Antibody (C-term); Toll-interacting protein; anti-TOLLIP antibody

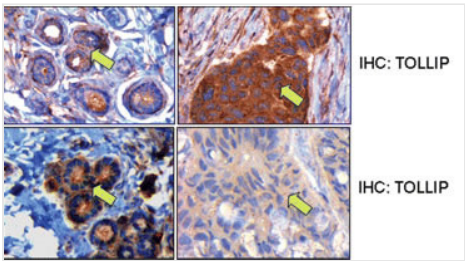
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This TOLLIP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 221-250 amino acids from the C-terminal region of human TOLLIP.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	221-250
Sequence Length	205
Applicable Applications for anti-TOLLIP antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



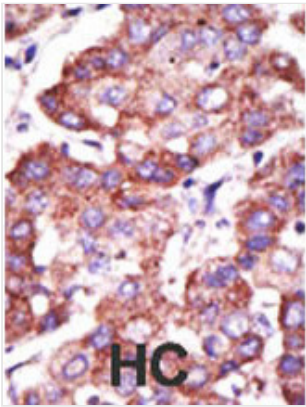
WB (Western Blot)

Western blot analysis of TOLLIP (arrow) using rabbit polyclonal TOLLIP Antibody (A236). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the TOLLIP gene.



IHC (Immunohistochemistry)

Middle panels, TOLLIP expression in matched normal and tumor breast samples. Here the TOLLIP stain in the invasive ductal carcinoma cells shows a much stronger signal compared with the normal ductal cells. Bottom panels, TOLLIP expression in matched normal and tumor breast samples. In this case, the signal for TOLLIP in the normal ductal cells is stronger than that in the invasive ductal carcinoma cells.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

ADDITIONAL INFORMATION

Related Product Information for anti-TOLLIP antibody	Toll like protein is a component of the signaling pathway of IL1 and Toll like receptors. It inhibits cell activation by microbial products. Tollip recruits IRAK1 to the IL1 receptor complex and inhibits IRAK1 phosphorylation and kinase activity. It oligomerizes and binds to TLR2 and the TLR4-MD2 complex via its C terminus. It exists as a complex with IRAK1 in unstimulated cells. Upon IL1 signaling, Tollip binds to the activated IL1 receptor complex containing IL-1RI, IL-1RacP and the adapter protein MyD88, where it interacts with the TIR domain of IL-1RacP. MyD88 then triggers IRAK1 autophosphorylation, which in turn leads to the dissociation of IRAK1 from Tollip and IL-1RacP. TOLLIP also interacts with TLR2 and TLR4; TOLLIP overexpression inhibits nuclear factor kappa-B (NFkB) activation in response to lipopolysaccharide and IL1B.
Product Categories/Family for anti-TOLLIP antibody	Immunology
References	Zhang, G., et al., J. Biol. Chem. 277(9):7059-7065 (2002). Bulut, Y., et al., J. Immunol. 167(2):987-994 (2001). Burns, K., et al., Nat. Cell Biol. 2(6):346-351 (2000). Volpe, F., et al., FEBS Lett. 419(1):41-44 (1997).

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361619
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NCBI GeneID	54472
NCBI Accession #	NP_061882.2
NCBI GenBank Nucleotide #	NM_019009.3
UniProt Accession #	Q9H0E2; Q9H9E6; Q9UJ69; B3KXC6
Molecular Weight	30282
NCBI Official Full Name	toll-interacting protein
NCBI Official Synonym Full Names	toll interacting protein
NCBI Official Symbol	TOLLIP
NCBI Official Synonym Symbols	IL-1RAcPIP
NCBI Protein Information	toll-interacting protein
UniProt Protein Name	Toll-interacting protein
UniProt Gene Name	TOLLIP
UniProt Entry Name	TOLIP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tollip-antibody-western-blot-immunohistochemistry-elisa/284308>