

TLR10/CD290 Rabbit pAb

TLR10/CD290 Rabbit pAb

Catalog # AP58653

Product Information

Application	WB
Primary Accession	Q9BXR5
Reactivity	Human
Predicted	Rat, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	94564
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TLR10
Epitope Specificity	451-550/811
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The protein encoded by this gene is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from Drosophila to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns (PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This gene is most highly expressed in lymphoid tissues such as spleen, lymph node, thymus, and tonsil. Multiple alternatively spliced transcript variants which encode different protein isoforms have been found for this gene. [provided by RefSeq, Aug 2010]

Additional Information

Gene ID	81793
Other Names	Toll-like receptor 10, CD290, TLR10
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

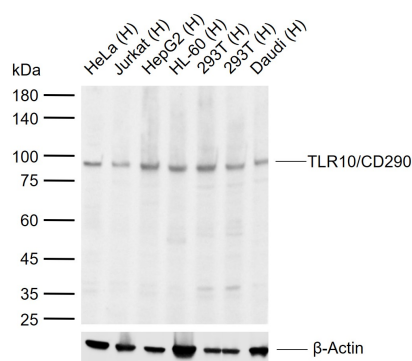
Protein Information

Name	TLR10
Function	Participates in the innate immune response to microbial agents. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response (By similarity).
Cellular Location	Membrane; Single-pass type I membrane protein
Tissue Location	Highly expressed in spleen, lymph node, thymus, tonsil and at lower levels in lung. Highly expressed in promyelocytic HL-60 cells and in B-cell lines

Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Images



Sample:

Lane 1: Human HeLa cell lysates

Lane 2: Human Jurkat cell lysates

Lane 3: Human HepG2 cell lysates

Lane 4: Human HL-60 cell lysates

Lane 5: Human 293T cell lysates

Lane 6: Human 293T cell lysates

Lane 7: Human Daudi cell lysates

Primary: Anti-TLR10/CD290 (AP58653) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 92 kDa

Observed band size: 98 kDa

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.