

For Research Use Only

TLR4 Polyclonal antibody

Catalog Number: 19501-1-AP **16 Publications**



Basic Information

Catalog Number: 19501-1-AP	GenBank Accession Number: NM_138554	Purification Method: Antigen affinity purification
Size:	GeneID (NCBI): 7099	
Source: Rabbit	UNIPROT ID: O00206	
Isotype: IgG	Full Name: toll-like receptor 4	
	Calculated MW: 96 kDa	

Applications

Tested Applications:
ELISA

Cited Applications:
WB, IHC

Species Specificity:
human, mouse, rat

Cited Species:
human, rat, mouse, pig

Background Information

TLR4, also named CD284, belongs to the Toll-like receptor family. TLR4 cooperates with LY96 and CD14 to mediate the innate immune response to bacterial lipopolysaccharide (LPS). TLR4 acts via MYD88, TIRAP and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.

Notable Publications

Author	Pubmed ID	Journal	Application
Yirui Shao	36678320	Nutrients	WB
Xiaoyan He	37967779	J Ethnopharmacol	WB
Liang Zhang	37922653	Biomed Pharmacother	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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Selected Validation Data