

For Research Use Only

TLR2 Polyclonal antibody

Catalog Number: 17236-1-AP

Featured Product

33 Publications



Basic Information

Catalog Number:

17236-1-AP

Size:

150ul, Concentration: 500 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG11079

GenBank Accession Number:

BC033756

GeneID (NCBI):

7097

UNIPROT ID:

O60603

Full Name:

toll-like receptor 2

Calculated MW:

784 aa, 90 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

WB, IHC, IF, IP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat, pig, sheep

Background Information

TLR2, also known as CD282, is a member of the Toll-like receptor (TLR) family. TLR receptors are type I integral transmembrane glycoproteins that play a fundamental role in pathogen recognition and activation of innate immunity. TLR2 is expressed by immune cells including monocytes/macrophages, polymorphonuclear leukocytes (PMLs), and dendritic cells, and is also expressed by some non-immune cells including endothelial and epithelial cells (PMID: 21428911; 22566960). TLR2 forms heterodimers with TLR1 and TLR6, which is the initial step in a cascade of events leading to significant innate immune responses, development of adaptive immunity to pathogens, and protection from immune sequelae related to infection with these pathogens (PMID: 22566960).

Notable Publications

Author	Pubmed ID	Journal	Application
Ying Tu	36155221	Environ Pollut	WB
Minghao Yan	36385231	Mol Neurobiol	WB
Xiao-Hui Jin	33740580	Mol Immunol	WB

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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

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