



Anti-TLR4 polyclonal antibody (DPAB-DC1481)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	receptor that functions as the major upstream sensor for hemorrhagic shock and lipopolysaccharide [RGD, Feb 2006]
Specificity	This antibody recognizes ~92 KDa TLR4.
Immunogen	A synthetic peptide corresponding to residues surrounding amino acids 819 of rat Tlr4.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Rat
Conjugate	Unconjugated
Applications	WB (Tissue lysate), Flow Cyt,
Format	Liquid
Size	100 µg
Buffer	In PBS, pH 7.2 (30% glycerol, 0.5 mg/mL BSA, 0.01% thimerosal)
Preservative	None
Storage	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [Tlr4 toll-like receptor 4 \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol	TLR4
Synonyms	TLR4; toll-like receptor 4; toll4;
Entrez Gene ID	29260
Protein Refseq	NP_062051
UniProt ID	Q9QX05
Chromosome Location	5q24
Pathway	Amoebiasis; Chagas disease (American trypanosomiasis); HIF-1 signaling pathway; Inflammatory bowel disease (IBD)
Function	lipopolysaccharide binding; lipopolysaccharide receptor activity; phosphatidylinositol 3-kinase binding; protein binding