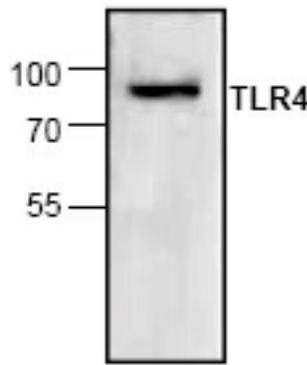


Tlr4

Rabbit Anti-Rat Toll-Like Receptor 4 Affinity Purified pAb

Catalog No.	CPT114	Quantity:	100 µg
Alternate Names:	CD284, ARMD10, TOLL		
Gene ID:	29260		
Description:	Rabbit Anti-Rat TLR4 Affinity Purified polyclonal antibody. TLR4 is a mammalian homologue of the <i>Drosophila</i> toll protein. The human TLR4 is a type-1 transmembrane protein containing 799 amino acid residues. The extracellular domain has leucine-rich repeats and the intracellular domain is similar to that of IL1 receptor. TLR4 is a receptor for lipopolysaccharide (LPS). In mice that are genetically tolerant to endotoxin, mutations have been identified in the intracellular domain of TLR4 that abolish LPS responsiveness. TLR4 uses a mechanism similar to that of the IL1 receptor for signal transduction that leads to activation of NF-κB.		
Concentration:	0.5 mg/ml		
Specificity:	Recognizes ~92 kDa rat TLR4		
Host:	Rabbit		
Immunogen:	Synthetic peptide corresponding to residues surrounding amino acids 819 or rat TLR4		
Formulation:	Liquid in PBS, pH 7.2 + 30% glycerol + 0.5% BSA + 0.01% thimerosal. Precaution: Thimerosal is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Biospecific affinity chromatography		
Applications:	Western Blot		
Application Notes:	For Western Blot use a working dilution of 0.5-4 µg/ml. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at -20°C or in working aliquots at -80°C for long term storage. Avoid repeated freeze-thaw cycles.		

Western Blot analysis of TLR4 in rat kidney tissue lysate



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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