

## Rabbit Anti-Multispecies TLR7 Affinity Purified pAb

<b>Catalog No.</b>	CPT120	<b>Quantity:</b>	100 µl
<b>Alternate Names:</b>	Toll-like receptor 7		
<b>Description:</b>	<p>Rabbit Anti-multispecies TLR7 Affinity Purified polyclonal antibody. The Toll-like receptor (TLR) family of proteins are characterized by a highly conserved Toll homology (TH) domain, which is essential for Toll-induced signal transduction. TLR1, as well as the other TLR family members, are type I transmembrane receptors that characteristically contain an extracellular domain consisting of several leucine-rich regions along with a single cytoplasmic Toll/IL-1R-like domain. TLR2 and TLR4 are activated in response to lipopolysacchride (LPS) stimulation, which results in the activation and translocation of NFκB and suggests that these receptors are involved in mediating inflammatory responses. TLR6 and TLR7 induce NFκB signaling upon activation, suggesting they play a role in immune reponse. Expression of TLR receptors is highest in peripheral blood leukocytes, macrophages, and monocytes.</p>		
<b>Specificity:</b>	Human and mouse TLR7		
<b>Host:</b>	Rabbit		
<b>Formulation:</b>	Liquid in PBS, pH 7.2 + 30% glycerol + 0.5% BSA + 0.02% thimerosal. Precaution: Thimerosal is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purification:</b>	Biospecific affinity chromatography		
<b>Applications:</b>	Western Blot		
<b>Application Notes:</b>	<p>For Western Blot use a working dilution of 1:500-1,000. Ramos cell lysate can be used as a positive control. The optimal concentration should be determined by the user for each specific application.</p>		
<b>Storage &amp; Stability:</b>	Store at -20°C. For long term storage, aliquot and store at -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		

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

