



# Anti-TLR8 polyclonal antibody (DPAB-DC747)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	TLR8 (toll-like receptor 8) is a protein-coding gene. Diseases associated with TLR8 include pandas, and dengue hemorrhagic fever, and among its related super-pathways are Immune response TLR signaling pathways and Toll-like receptor signaling pathway. GO annotations related to this gene include double-stranded RNA binding and RNA binding. An important paralog of this gene is ENSG00000173366.
<b>Specificity</b>	This antibody recognizes ~120 KDa TLR8 in samples from human, mouse and rat origins.
<b>Immunogen</b>	A synthetic peptide corresponding to the residues surrounding amino acid 942 of mouse Tlr8.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In PBS pH 7.2 (30% glycerol, 0.5% BSA, 0.01% thimerosal)
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Tlr8 toll-like receptor 8 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	TLR8
<b>Synonyms</b>	TLR8; toll-like receptor 8;
<b>Entrez Gene ID</b>	<a href="#">170744</a>
<b>Protein Refseq</b>	<a href="#">NP_573475</a>
<b>UniProt ID</b>	<a href="#">P58682</a>
<b>Chromosome Location</b>	X F5; X
<b>Pathway</b>	Immune System; MyD88 dependent cascade initiated on endosome; TRAF6 mediated induction of NFkB and MAP kinases upon TLR7/8 or 9 activation; Toll Like Receptor 9 (TLR9) Cascade
<b>Function</b>	DNA binding; double-stranded RNA binding; drug binding; single-stranded RNA binding