

	TLR2 Polyclonal Antibody	E 9 0 3 6 7
--	-----------------------------------	----------------------------

Swiss-Prot No.:	O60603
Storage/Stability:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Immunogen:	Recombinant protein of human TLR2
Purification:	Affinity purification
Reactivity:	Human, Mouse, Rat
Other Names:	—
Background:	The protein encoded by this gene is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from Drosophila to humans and share structural and functional similarities. This protein is a cell-surface protein that can form heterodimers with other TLR family members to recognize conserved molecules derived from microorganisms known as pathogen-associated molecular patterns (PAMPs). Activation of TLRs by PAMPs leads to an up-regulation of signaling pathways to modulate the host's inflammatory response. This gene is also thought to promote apoptosis in response to bacterial lipoproteins. This gene has been implicated in the pathogenesis of several autoimmune diseases. Alternative splicing results in multiple transcript variants.
Gene ID:	7097

For Research Use Only

Source:	Rabbit
Antibody type:	Polyclonal Antibodies
Isotype:	IgG
Molecular Weight:	89kDa
Recommended Dilutions:	WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200