

# SIGIR rabbit pAb

Cat No.:ES10876

For research use only

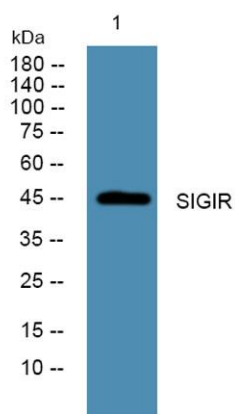
## Overview

Product Name	SIGIR rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	SIGIR Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Single Ig IL-1-related receptor (Single Ig IL-1R-related molecule) (Single immunoglobulin domain-containing IL1R-related protein) (Toll/interleukin-1 receptor 8) (TIR8)
Gene Name	SIGIRR UNQ301/PRO342
Cellular localization	Membrane ; Single-pass type III membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	45kD
Human Gene ID	59307
Human Swiss-Prot Number	Q6IA17
Alternative Names	
Background	function:Acts as a negative regulator of the Toll-like and IL-1R receptor signaling pathways. Attenuates the recruitment of receptor-proximal signaling components to the TLR4 receptor, probably through an TIR-TIR domain interaction with TLR4. Through its extracellular domain interferes with the





heterodimerization of IL1R1 and IL1RAP.,similarity:Belongs to the interleukin-1 receptor family.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 TIR domain.,subunit:Interacts with IL1R1, IRAK1, TLR4, TLR5, TLR9 and TRAF6. Upon IL-1 stimulation found in a complex at least composed of IL1R1, SIGIRR, MYD88, IRAK1 and TRAF6. Upon stimulation with LPC found in a complex at least composed of TLR4, SIG1IR, MYD88, IRAK1 and TRAF6.,tissue specificity:Mainly expressed in epithelial tissues such as kidney, lung and gut.,



Western blot analysis of lysates from PC12 cells, primary antibody was diluted at 1:1000, 4°over night

