

Rabbit anti-Human SIGIRR Polyclonal Antibody | anti-SIGIRR antibody

RABBIT ANTI SIGIRR (C-TERMINAL)

CATALOG # AAA50080	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry
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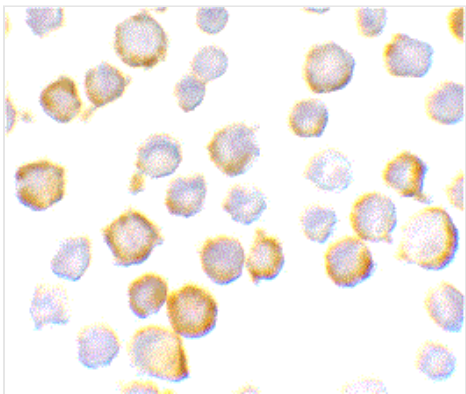
PRODUCT SYNONYMS

SIGIRR; Polyclonal Antibody; RABBIT ANTI SIGIRR (C-TERMINAL); anti-SIGIRR antibody

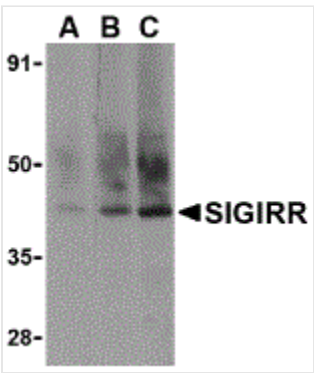
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	410
Applicable Applications for anti-SIGIRR antibody	WB (Western Blot), IHC (Immunohistochemistry)
Perservative Stabilisers	0.02% Sodium Azide (NaN ₃)
Buffer Solution	Phosphate buffered saline
Antiserum Preparation	Antiserum to SIGIRR (CT) was raised by repeated immunisation of with highly purified antigen. Purified IgG was prepared from whole serum by immunoaffinity chromatography.
Target Species	Mouse
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data
Immunocytochemical staining of A549 cells with Rabbit anti Mouse SIGIRR (AAA50080)



Application Data
Western blot analysis of whole cell lysate from A549 human lung adenocarcinoma cells probed with Rabbit anti Mouse SIGIRR (AAA50080) at 0.5(A), 1(B) and 2(C) ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-SIGIRR antibody	Rabbit anti SIGIRR (C-terminal) antibody recognises the Single Ig IL-1-related receptor (SIGIRR), a member of the Toll-like receptor-interleukin 1 receptor superfamily, defined by an intracellular Toll-IL-1R (TIR) domain. SIGIRR acts as a negative regulator of the Toll-like and IL-1R receptor signalling pathways. It interacts with TLR4, TLR5, TLR9 and IL-1R through the extracellular Ig domain, or the intracellular TIR domain. The Ig domain interferes with the heterodimerization of IL-1R while the intracellular TIR domain inhibits both IL-1 and LPS signalling by attenuating the recruitment of receptor-proximal signalling components to TLR4. SIGIRR is expressed in kidney, colon, small intestine, lung, spleen and liver. It is not expressed in brain and muscle.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	205277449
NCBI GeneID	59307
NCBI Accession #	NP_001128525.1
NCBI GenBank Nucleotide #	NM_001135053.1
Molecular Weight	55,271 Da
NCBI Official Full Name	single Ig IL-1-related receptor
NCBI Official Synonym Full Names	single immunoglobulin and toll-interleukin 1 receptor (TIR) domain
NCBI Official Symbol	SIGIRR
NCBI Official Synonym Symbols	TIR8
NCBI Protein Information	single Ig IL-1-related receptor; single Ig IL-1R-related molecule; single immunoglobulin domain IL1R1 related; single immunoglobulin domain-containing IL1R-related protein; toll/interleukin-1 receptor 8
UniProt Protein Name	Single Ig IL-1-related receptor
UniProt Gene Name	SIGIRR
UniProt Synonym Gene Names	TIR8
UniProt Entry Name	SIGIR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.