

Datasheet for ABIN2783841
anti-SIGIRR antibody (C-Term)

3 Images

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Overview

Quantity:	100 µL
Target:	SIGIRR
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Zebrafish (Danio rerio), Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIGIRR antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human SIGIRR
Sequence:	PVFGEPSAPP HTSGVSLGES RSSEVDVSDL GSRNYSARTD FYCLVSKDDM
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rat: 100%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against SIGIRR. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	SIGIRR
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Target Details

Alternative Name:	SIGIRR (SIGIRR Products)
Background:	<p>SIGIRR acts as a negative regulator of the Toll-like and IL-1R receptor signaling pathways. It attenuates the recruitment of receptor-proximal signaling components to the TLR4 receptor, probably through a TIR-TIR domain interaction with TLR4. Through its extracellular domain it interferes with the heterodimerization of IL1R1 and IL1RAP.</p> <p>Alias Symbols: MGC110992, TIR8</p> <p>Protein Interaction Partner: APP, UBC, SIGIRR, TLR9, TLR5, TLR4, TRAF6, IRAK1, RPN1, IL1R1, ENO2,</p> <p>Protein Size: 224</p>
Molecular Weight:	25 kDa
Gene ID:	59307
UniProt:	Q6IA17
Pathways:	Toll-Like Receptors Cascades

Application Details

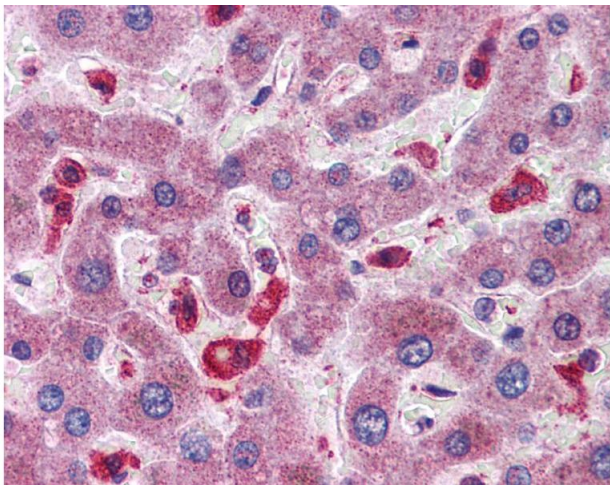
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 224 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

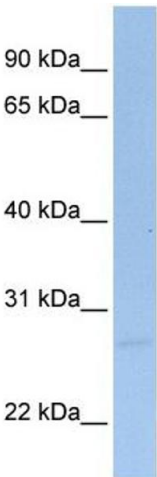
aliquots to prevent freeze-thaw cycles.

Images



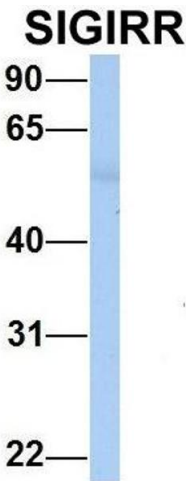
Immunohistochemistry

Image 1.



Western Blotting

Image 2. WB Suggested Anti-SIGIRR Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate



Western Blotting

Image 3. Host: Rabbit Target Name: SIGIRR Sample Type: Human Adult Placenta Antibody Dilution: 1.0ug/ml