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SIGIRR antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13062

Specification

SIGIRR antibody - C-terminal region - Product Information

Application	**IHC, WB**
Primary Accession	Q6IA17
Other Accession	XP_001129013
Reactivity	**Human, Mouse, Rat, Pig, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Chicken, Horse, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**25kDa KDa**

SIGIRR antibody - C-terminal region - Additional Information

Gene ID 59307

Alias Symbol	**MGC110992, TIR8**

Other Names
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, SIGIRR

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-SIGIRR antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
SIGIRR antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

SIGIRR antibody - C-terminal region - Protein Information

Name SIGIRR

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.

Cellular Location

Membrane; Single-pass type III membrane protein

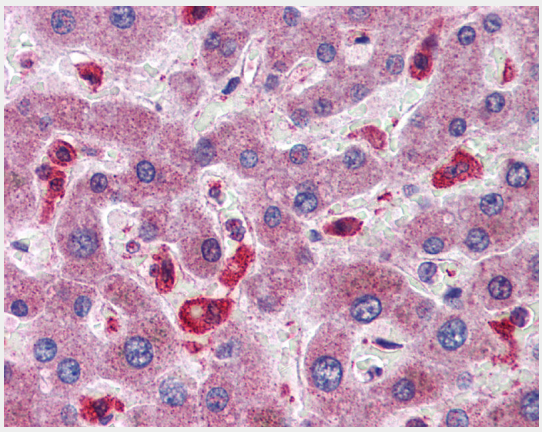
Tissue Location
Mainly expressed in epithelial tissues such as kidney, lung and gut.

SIGIRR antibody - C-terminal region - Protocols

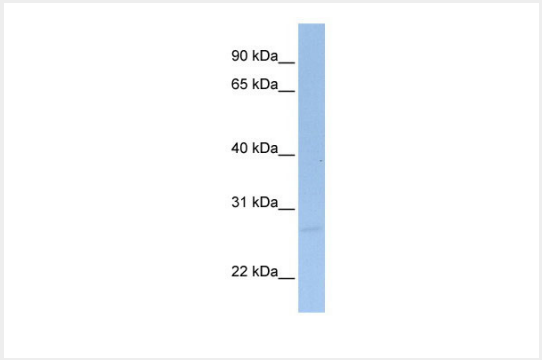
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SIGIRR antibody - C-terminal region - Images



Liver



WB Suggested Anti-SIGIRR Antibody Titration: 0.2-1 µg/ml
Positive Control: Jurkat cell lysate

SIGIRR antibody - C-terminal region - References

Clark H.F.,et al.Genome Res. 13:2265-2270(2003).

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Taylor T.D.,et al.Nature 440:497-500(2006).
Thomassen E.,et al.Cytokine 11:389-399(1999).