

**MSR1 antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI14984****Specification**

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**MSR1 antibody - N-terminal region - Product Information**

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Application       | WB                                                    |
| Primary Accession | <a href="#">P21757</a>                                |
| Other Accession   | <a href="#">NM_138715</a> , <a href="#">NP_619729</a> |
| Reactivity        | Human, Pig, Horse, Bovine, Dog                        |
| Predicted         | Horse, Dog                                            |
| Host              | Rabbit                                                |
| Clonality         | Polyclonal                                            |
| Calculated MW     | 50kDa KDa                                             |

**MSR1 antibody - N-terminal region - Additional Information****Gene ID** 4481**Alias Symbol** **CD204, SCARA1, SR-A, phSR1, phSR2, SRA**  
**Other Names**

Macrophage scavenger receptor types I and II, Macrophage acetylated LDL receptor I and II, Scavenger receptor class A member 1, CD204, MSR1, SCARA1

**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-MSR1 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**

MSR1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**MSR1 antibody - N-terminal region - Protein Information****Name** MSR1**Synonyms** SCARA1**Function**

Membrane glycoproteins implicated in the pathologic deposition of cholesterol in arterial walls during atherogenesis. Two types of receptor subunits exist. These receptors mediate the endocytosis of a diverse group of macromolecules, including modified low density lipoproteins (LDL) (PubMed:<a href="http://www.uniprot.org/citations/2251254" target="\_blank">2251254</a>). Isoform III does not internalize acetylated LDL (PubMed:<a href="http://www.uniprot.org/citations/9548586" target="\_blank">9548586</a>).

**Cellular Location**

Membrane; Single-pass type II membrane protein.

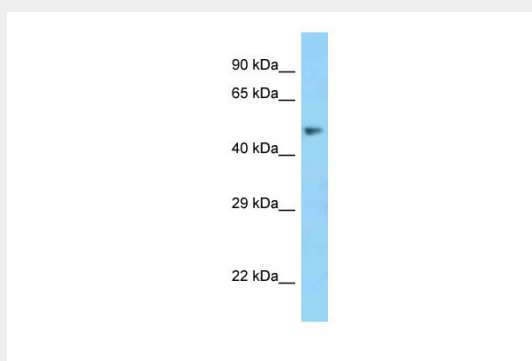
**Tissue Location**

Isoform I, isoform II and isoform III are expressed in monocyte-derived macrophages. Isoform I and isoform II are expressed in the liver, placenta and brain.

**MSR1 antibody - N-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 Cytometry](#)
- [Cell Culture](#)

**MSR1 antibody - N-terminal region - Images**

WB Suggested Anti-MSR1 Antibody Titration: 1.0 µg/ml  
Positive Control: Fetal Liver

**MSR1 antibody - N-terminal region - References**

Matsumoto A., et al. Proc. Natl. Acad. Sci. U.S.A. 87:9133-9137(1990).  
Gough P.J., et al. J. Lipid Res. 39:531-543(1998).  
Nusbaum C., et al. Nature 439:331-335(2006).  
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.  
Emi M., et al. J. Biol. Chem. 268:2120-2125(1993).