# Rabbit SLAMF1 Polyclonal Antibody | anti-SLAMF1 antibody

SLAMF1 Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA40103** | **Rabbit** | **Human, Mouse, Rat** | **Immunofluorescence, Immunohistochemistry, Western Blot, ELISA** |

## PRODUCT SYNONYMS

SLAMF1; Polyclonal Antibody; SLAMF1 Antibody; SLAM; CD150; CDw150; Signaling lymphocytic activation molecule; signaling lymphocytic activation molecule family member 1; anti-SLAMF1 antibody

## PRODUCT SPECIFICATIONS

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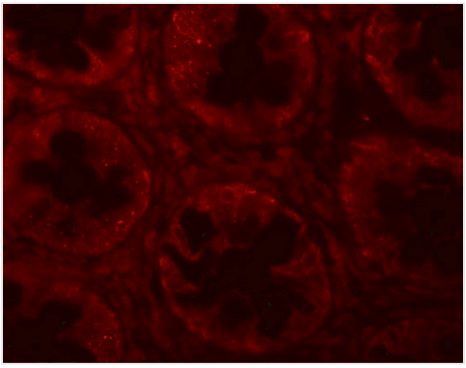
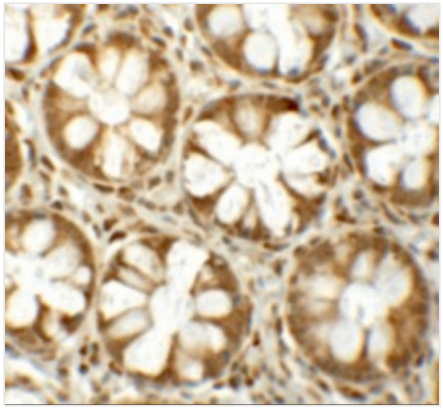
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse, Rat |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Specificity** | Two isoforms of SLAMF1 are known to exist; this antibody will recognize both isoforms. SLAMF1 antibody is predicted to not cross-react with other SLAM protein family members. |
| **Purity/Purification** | SLAMF1 Antibody is affinity chromatography purified via peptide column. |
| **Form/Format** | Liquid |
| **Concentration** | 1 mg/mL (varies by lot) |
| **Sequence Length** | 335 |
| **Applicable Applications for anti-SLAMF1 antibody** | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA |
| **Conjugate** | Unconjugated |
| **Immunogen** | SLAMF1 antibody was raised against a 15 amino acid synthetic peptide near the amino terminus of human SLAMF1. |
| **Buffer** | SLAMF1 Antibody is supplied in PBS containing 0.02% sodium azide. |
| **Preparation and Storage** | Antibody can be stored at 4 degree C up to one year. Antibodies should not be exposed to prolonged high temperatures. |

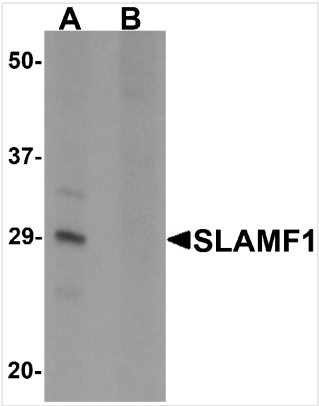
## IMAGES



**IF (Immunofluorescence)**
Immunofluorescence of SLAMF1 in human colon tissue with SLAMF1 antibody at 20 μg/mL.



**IHC (Immunohiostchemistry)**
Immunohistochemistry of SLAMF1 in human colon tissue with SLAMF1 antibody at 5 μg/mL.




**WB (Western Blot)**
Western blot analysis of SLAMF1 in rat colon tissue lysate with SLAMF1 antibody at 1 μg/mL in (A) the absence and (B) the presence of blocking peptide.

## ADDITIONAL INFORMATION

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|---|---|
| **Related Product Information for anti-SLAMF1 antibody** | SLAMF1 Antibody: The signaling lymphocyte-activation molecule family member 1 (SLAMF1) is a novel receptor on T cells that potentiates T cell expansion in a CD28-independent manner. SLAMF1 is predominantly expressed by hematopoietic tissues. Reports suggest that the extracellular domain of SLAMF1 is the receptor for the measles virus and acts as a co-activator on both T and B cells. It is thought to interact with SH2D1A and with PTPN11 via its cytoplasmic domain. Mutations of the SLAM associated gene may be associated with X-linked lympho-proliferative disease (XLP). |

## NCBI AND UNIPROT INFORMATION

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|---|---|
| **NCBI GI #** | 4506969 |
| **NCBI GeneID** | 6504 |
| **NCBI Accession #** | NP_003028 |
| **NCBI GenBank Nucleotide #** | NM_003037.3 |
| **UniProt Accession #** | Q13291; Q5W172; Q9HBE8 |
| **Molecular Weight** | 33,839 Da |
| **NCBI Official Full Name** | signaling lymphocytic activation molecule |
| **NCBI Official Synonym Full Names** | signaling lymphocytic activation molecule family member 1 |

| | |
|---|---|
| **NCBI Official Symbol** | SLAMF1 |
| **NCBI Official Synonym Symbols** | SLAM; CD150; CDw150 |
| **NCBI Protein Information** | signaling lymphocytic activation molecule; IPO-3 |
| **UniProt Protein Name** | Signaling lymphocytic activation molecule |
| **UniProt Gene Name** | **SLAMF1** |
| **UniProt Synonym Gene Names** | SLAM |
| **UniProt Entry Name** | SLAF1_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.

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Online datasheet: https://www.aaabiotech.com/polyclonal/slamf1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40103