

## SLAM Polyclonal Antibody

<b>Catalog No :</b>	YT5279
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	SLAM
<b>Fields :</b>	>>Measles
<b>Gene Name :</b>	SLAMF1
<b>Protein Name :</b>	Signaling lymphocytic activation molecule
<b>Human Gene Id :</b>	6504
<b>Human Swiss Prot No :</b>	Q13291
<b>Mouse Gene Id :</b>	27218
<b>Mouse Swiss Prot No :</b>	Q9QUM4
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human SLAMF1. AA range:81-130
<b>Specificity :</b>	SLAM Polyclonal Antibody detects endogenous levels of SLAM protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC: 1:100-300 ELISA: 1:20000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml

**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 37kD

**Background :** domain:The most membrane-proximal SH2-binding motif interacts with SH2 domain of SH2D1A and does not need to be phosphorylated on tyrosine residues.,function:High-affinity self-ligand important in bidirectional T-cell to B-cell stimulation. SLAM-induced signal-transduction events in T-lymphocytes are different from those in B-cells. Two modes of SLAM signaling are likely to exist: one in which the inhibitor SH2D1A acts as a negative regulator and another in which protein-tyrosine phosphatase 2C (PTPN11)-dependent signal transduction operates.,PTM:Phosphorylated by FYN.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subcellular location:Present on the surface of B-cells and T-cells.,subunit:Its cytoplasmic domain interacts with SH2 domain protein 1A (SH2D1A), and with PTPN11. Interacts with INPP5D/SHIP1. Binds to Measles virus HN protein and acts as a receptor for this virus.,tissue specificity:Constitutively expressed on peripheral blood memory T-cells, T-cell clones, immature thymocytes, and a proportion of B-cells, and is rapidly induced on naive T-cells after activation.,

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**Function :** domain:The most membrane-proximal SH2-binding motif interacts with SH2 domain of SH2D1A and does not need to be phosphorylated on tyrosine residues.,function:High-affinity self-ligand important in bidirectional T-cell to B-cell stimulation. SLAM-induced signal-transduction events in T-lymphocytes are different from those in B-cells. Two modes of SLAM signaling are likely to exist: one in which the inhibitor SH2D1A acts as a negative regulator and another in which protein-tyrosine phosphatase 2C (PTPN11)-dependent signal transduction operates.,PTM:Phosphorylated by FYN.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subcellular location:Present on the surface of B-cells and T-cells.,subunit:Its cytoplasmic domain interacts with SH2 domain protein 1A (SH2D1A), and with PTPN11. Interacts with INPP5D/SHIP

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**Subcellular Location :** Cell membrane ; Single-pass type I membrane protein. Present on the surface of B-cells and T-cells. Located at the plasma membrane contacts between neighboring T-cells (PubMed:11806999). .; [Isoform 3]: Secreted .; [Isoform 4]: Cell membrane . Overexpressed isoform 4 is detected on the cell surface. In glioma cell lines endogenous isoform 4 is detected predominantly in the cytoplasm and colocalized with endoplasmic reticulum and Golgi markers. .

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**Expression :** Constitutively expressed on peripheral blood memory T-cells, T-cell clones, immature thymocytes and a proportion of B-cells, and is rapidly induced on naive T-cells after activation (PubMed:7617038). Activated B-cells express isoform 1, isoform 3 and a cytoplasmic isoform (PubMed:9091591). Isoform 4 is expressed in B-cells, primary T-cells, dendritic cells and macrophages. Isoform 4 is expressed in tumors of the central nervous system (PubMed:25710480).

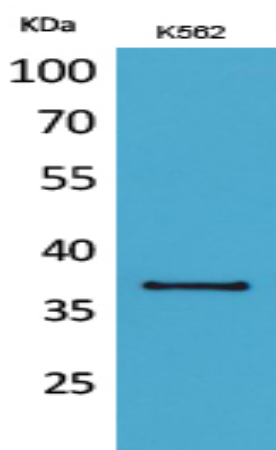
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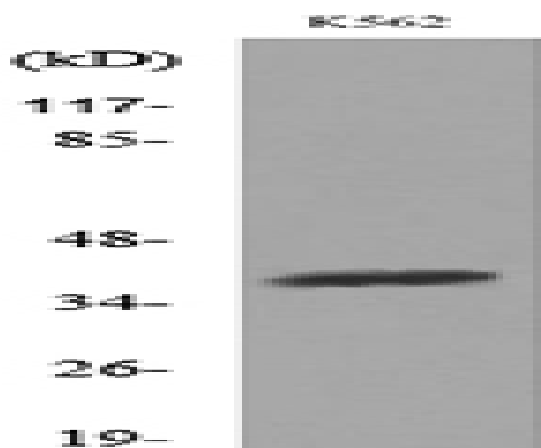
<b>Sort :</b>	16360
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

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## Products Images



Western Blot analysis of K562 cells using SLAM Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Western blot analysis of lysate from K562 cells, using SLAMF1 Antibody.