
Summary

Production Name	SH2D1A Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	SH2D1A
Alternative Names	LYP; SAP; XLP; DSHP; EBVS; IMD5; XLPD; MTCP1; XLPD1; SAP/SH2D1A
Gene ID	4068
SwissProt ID	O60880

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 14 kDa; Observed MW: 14 kDa

Background

Product Name: SH2D1A Rabbit Monoclonal Antibody
Catalog #: AMRe02596

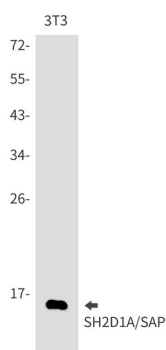


Cytoplasmic adapter regulating receptors of the signaling lymphocytic activation molecule (SLAM) family such as SLAMF1, CD244, LY9, CD84, SLAMF6 and SLAMF7. In SLAM signaling seems to cooperate with SH2D1B/EAT-2. Initially it has been proposed that association with SLAMF1 prevents SLAMF1 binding to inhibitory effectors including INPP5D/SHIP1 and PTPN11/SHP-2 (PubMed:11806999). However, by simultaneous interactions, recruits FYN which subsequently phosphorylates and activates SLAMF1 (PubMed:12458214). Positively regulates CD244/2B4- and CD84-mediated natural killer (NK) cell functions. Can also promote CD48-, SLAMF6 -, LY9-, and SLAMF7-mediated NK cell activation. In the context of NK cell-mediated cytotoxicity enhances conjugate formation with target cells . May also regulate the activity of the neurotrophin receptors NTRK1, NTRK2 and NTRK3.

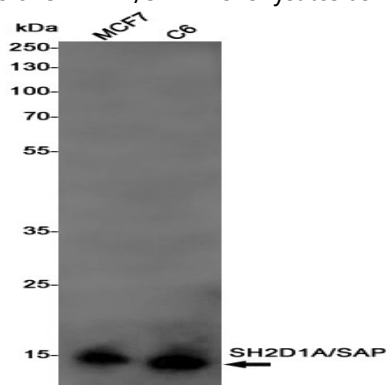
Research Area

Cardiovascular

Image Data



Western blot analysis of SH2D1A/SAP in 3T3 lysates using SH2D1A antibody.



Western blot analysis of SH2D1A/SAP in MCF-7, C6 lysates using SH2D1A/SAP antibody.

Note

For research use only.