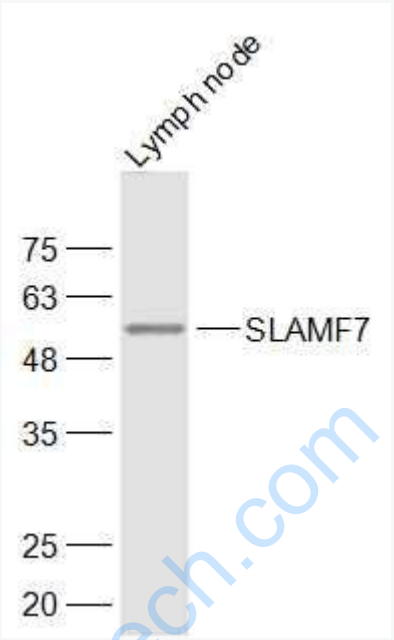
SunLong Biotech Co.,LTD
Tel: 0086-571- 56623320 Fax:0086-571- 56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Rabbit Anti-SLAMF7 antibody

SL2544R

Product Name:	SLAMF7
Chinese Name:	SLAMF7抗体
Alias:	19A; 19A24 protein; CD2 like receptor activating cytotoxic cells; CD2 subset 1; CD 319; CD319; CD319 antigen; CRACC; CS1; Membrane protein FOAP 12; Novel Ly9; Novel LY9 (lymphocyte antigen 9) like protein; Protein 19A; SLAM family member 7; SLAMF 7; SLAMF7.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Mouse,Rat,Cow,
Applications:	WB=1:500-2000ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	33kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SLAMF7:51-160/335<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	SLAMF7 contains one Ig-like C2-type (immunoglobulin-like) domain. Isoform 1 mediates NK cell activation through a SAP-independent extracellular signal-regulated ERK-mediated pathway. It may play a role in lymphocyte adhesion. Isoform 3 does not mediate any activation. SAP can bind the cytoplasmic tail of isoform 1 when

	phosphorylated in the presence of Fyn (in vitro). SLAMF7 is expressed in spleen, lymph node, peripheral blood leukocytes, bone marrow, small intestine, stomach, appendix, lung and trachea. Expression was detected in NK cells, activated B-cells, NK-cell line but not in promyelocytic, B-, or T-cell lines. The isoform 3 is expressed at much lower level than isoform 1. There are three named isoforms. **Function:** Isoform 1 mediates NK cell activation through a SH2D1A-independent extracellular signal-regulated ERK-mediated pathway. May play a role in lymphocyte adhesion. Isoform 3 does not mediate any NK cell activation. **Subunit:** Isoform 1 binds to SH2D1A when its cytoplasmic tail is phosphorylated in the presence of FYN (in vitro). **Subcellular Location:** Membrane; Single-pass type I membrane protein. **Tissue Specificity:** Expressed in spleen, lymph node, peripheral blood leukocytes, bone marrow, small intestine, stomach, appendix, lung and trachea. Expression was detected in NK cells, activated B-cells, NK-cell line but not in promyelocytic, B-, or T-cell lines. Isoform 3 is expressed at much lower level than isoform 1 **Similarity:** Contains 1 Ig-like C2-type (immunoglobulin-like) domain. **SWISS:** Q9NQ25 **Gene ID:** 57823 **Database links:** Entrez Gene: 57823Human Omim: 606625Human SwissProt: Q9NQ25Human Unigene: 517265Human **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:	 Sample: Lymph node (Mouse) Lysate at 40 ug Primary: Anti-SLAMF7 (SL2544R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 33 kD Observed band size: 58 kD