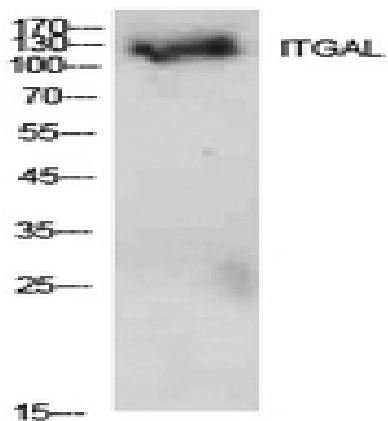


Integrin α L Polyclonal Antibody

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| Catalog No : | YT5578 |
| Reactivity : | Human;Rat;Mouse; |
| Applications : | WB;ELISA |
| Target : | Integrin α L |
| Fields : | >>Rap1 signaling pathway;>>Cell adhesion molecules;>>Neutrophil extracellular trap formation;>>Natural killer cell mediated cytotoxicity;>>Leukocyte transendothelial migration;>>Regulation of actin cytoskeleton;>>Malaria;>>Staphylococcus aureus infection;>>Human T-cell leukemia virus 1 infection;>>Epstein-Barr virus infection;>>Rheumatoid arthritis;>>Viral myocarditis |
| Gene Name : | ITGAL |
| Protein Name : | Integrin alpha-L |
| Human Gene Id : | 3683 |
| Human Swiss Prot No : | P20701 |
| Mouse Swiss Prot No : | P24063 |
| Immunogen : | The antiserum was produced against synthesized peptide derived from the Internal region of human ITGAL. AA range:171-220 |
| Specificity : | Integrin α L Polyclonal Antibody detects endogenous levels of Integrin α L protein. |
| Formulation : | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source : | Polyclonal, Rabbit,IgG |
| Dilution : | WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications. |
| Purification : | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |

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| Concentration : | 1 mg/ml |
| Storage Stability : | -15°C to -25°C/1 year(Do not lower than -25°C) |
| Observed Band : | 130kD |
| Cell Pathway : | Cell adhesion molecules (CAMs);Natural killer cell mediated cytotoxicity;Leukocyte transendothelial migration;Regulates Actin and Cytoskeleton;Viral myocarditis; |
| Background : | integrin subunit alpha L(ITGAL) Homo sapiens ITGAL encodes the integrin alpha L chain. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This I-domain containing alpha integrin combines with the beta 2 chain (ITGB2) to form the integrin lymphocyte function-associated antigen-1 (LFA-1), which is expressed on all leukocytes. LFA-1 plays a central role in leukocyte intercellular adhesion through interactions with its ligands, ICAMs 1-3 (intercellular adhesion molecules 1 through 3), and also functions in lymphocyte costimulatory signaling. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008], |
| Function : | domain:The integrin I-domain (insert) is a VWFA domain. Integrins with I-domains do not undergo protease cleavage.,function:Integrin alpha-L/beta-2 is a receptor for ICAM1, ICAM2, ICAM3 and ICAM4. It is involved in a variety of immune phenomena including leukocyte-endothelial cell interaction, cytotoxic T-cell mediated killing, and antibody dependent killing by granulocytes and monocytes.,similarity:Belongs to the integrin alpha chain family.,similarity:Contains 1 VWFA domain.,similarity:Contains 7 FG-GAP repeats.,subunit:Heterodimer of an alpha and a beta subunit. Alpha-L associates with beta-2.,tissue specificity:Leukocytes., |
| Subcellular Location : | Cell membrane ; Single-pass type I membrane protein . |
| Expression : | Leukocytes. |

Products Images



Western Blot analysis of 293 cells using Integrin αL Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000