

Product Name: CD101 Rabbit Polyclonal Antibody
Catalog #: APRab08182



Summary

Production Name	CD101 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	CD101
Alternative Names	CD101; EWI101; IGSF2; V7; Immunoglobulin superfamily member 2; IgSF2; Cell surface glycoprotein V7; Glu-Trp-Ile EWI motif-containing protein 101; EWI-101; CD101
Gene ID	9398.0
SwissProt ID	Q93033.The antiserum was produced against synthesized peptide derived from the Internal region of human CD101. AA range:731-780

Application

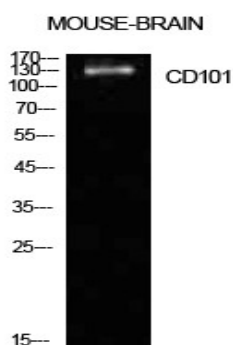
Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:10000
Molecular Weight	130kD

Background

function: Plays a role as inhibitor of T-cells proliferation induced by CD3. Inhibits expression of IL2RA on activated T-cells and secretion of IL2. Inhibits tyrosine kinases that are required for IL2 production and cellular proliferation. Inhibits phospholipase C-gamma-1/PLCG1 phosphorylation and subsequent CD3-induced changes in intracellular free calcium. Prevents nuclear translocation of nuclear factor of activated T-cell to the nucleus. Plays a role in the inhibition of T-cell proliferation via IL10 secretion by cutaneous dendritic cells. May be a marker of CD4(+) CD56(+) leukemic tumor cells.,PTM: N-glycosylated.,similarity: Contains 7 Ig-like C2-type (immunoglobulin-like) domains.,tissue specificity: Expressed in lung, thymus and small intestine. Detected in cutaneous dendritic cells, activated T-cells, monocytes and granulocytes as well as with epithelial cells with dendritic morphology. Expressed in some leukemic cells, the CD4(+) CD56(+) blastic tumor cells, as well as in Langerhans cells from LCH (Langerhans cell histiocytosis) patients.,function: Plays a role as inhibitor of T-cells proliferation induced by CD3. Inhibits expression of IL2RA on activated T-cells and secretion of IL2. Inhibits tyrosine kinases that are required for IL2 production and cellular proliferation. Inhibits phospholipase C-gamma-1/PLCG1 phosphorylation and subsequent CD3-induced changes in intracellular free calcium. Prevents nuclear translocation of nuclear factor of activated T-cell to the nucleus. Plays a role in the inhibition of T-cell proliferation via IL10 secretion by cutaneous dendritic cells. May be a marker of CD4(+) CD56(+) leukemic tumor cells.,PTM: N-glycosylated.,similarity: Contains 7 Ig-like C2-type (immunoglobulin-like) domains.,tissue specificity: Expressed in lung, thymus and small intestine. Detected in cutaneous dendritic cells, activated T-cells, monocytes and granulocytes as well as with epithelial cells with dendritic morphology. Expressed in some leukemic cells, the CD4(+) CD56(+) blastic tumor cells, as well as in Langerhans cells from LCH (Langerhans cell histiocytosis) patients.,

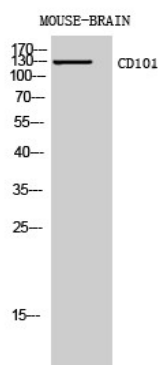
Research Area

Image Data



Western Blot analysis of mouse brain cells using CD101 Polyclonal Antibody. Antibody was diluted at 1:1000. Secondary antibody was diluted at 1:20000

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Western Blot analysis of MOUSE-BRAIN cells using CD101 Polyclonal Antibody diluted at 1 : 1000. Secondary antibody was diluted at 1:20000

Note

For research use only.