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ULBP1 Antibody

Rabbit mAb
Catalog # AP93094

Product Information

Application	WB
Primary Accession	Q9BZM6
Reactivity	Human
Clonality	Monoclonal
Other Names	Alcan beta; N2DL1; NKG2DL1; RAET1I; UL16; UL16 binding protein 1; ULBP1;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	27997

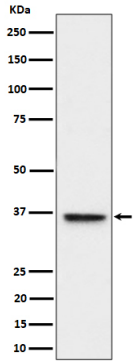
Additional Information

Dilution	WB 1:500~1:2000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human ULBP1
Description	Ligand for the NKG2D receptor, together with at least ULBP2 and ULBP3. ULBPs activate multiple signaling pathways in primary NK cells, resulting in the production of cytokines and chemokines. Binding of ULBPs ligands to NKG2D induces calcium mobilization and activation of the JAK2, STAT5, ERK and PI3K kinase/Akt signal transduction pathway.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	ULBP1
Synonyms	N2DL1, RAET1I
Function	Binds and activates the KLRK1/NKG2D receptor, mediating natural killer cell cytotoxicity.
Cellular Location	Cell membrane; Lipid-anchor, GPI-anchor. Endoplasmic reticulum. Note=In CMV-infected fibroblasts, detected in the endoplasmic reticulum/cis-Golgi
Tissue Location	Expressed in T-cells, B-cells, erythroleukemia cell lines and in a wide range of tissues including heart, brain, lung, liver, testis, lymph node, thymus, tonsil and bone marrow. Also found in fetal heart, brain, lung and liver

Images



Western blot analysis of ULBP1 expression in HeLa cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.