

ULBP1 Antibody

Rabbit mAb

Catalog # AP93094

Product Information

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| 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 |

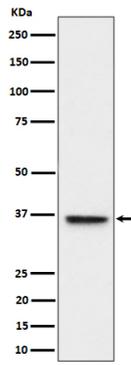
Additional Information

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| 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

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| 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.

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