

Rabbit anti-Human ULBP2 Polyclonal Antibody | anti-ULBP2 antibody

ULBP2 Antibody (Center)

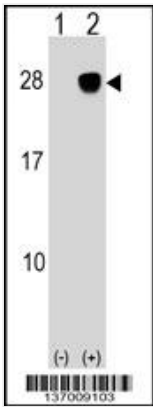
CATALOG # AAA284312	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

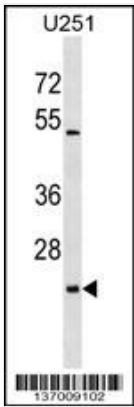
ULBP2; Polyclonal Antibody; ULBP2 Antibody (Center); NKG2D ligand 2; N2DL-2; NKG2DL2; ALCAN-alpha; Retinoic acid early transcript 1H; UL16-binding protein 2; N2DL2; RAET1H; anti-ULBP2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ULBP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 88-116 amino acids from the Central region of human ULBP2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.4 (varies by lot)
Sequence Positions	88-116
Sequence Length	246
Applicable Applications for anti-ULBP2 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Western blot analysis of ULBP2 (arrow) using rabbit polyclonal ULBP2 Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the ULBP2 gene.



WB (Western Blot)
ULBP2 Antibody (Center) western blot analysis in U251 cell line lysates (35ug/lane). This demonstrates the ULBP2 antibody detected the ULBP2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ULBP2 antibody	Ligand for the NKG2D receptor, together with at least ULBP1 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. In CMV infected cells, interacts with soluble CMV glycoprotein UL16. The interaction with UL16 blocked the interaction with the NKG2D receptor, providing a mechanism by which CMV infected cells might escape the immune system. UL16 also causes ULBP2 to be retained in the ER and cis-Golgi apparatus so that it does not reach the cell surface.
Product Categories/Family for anti-ULBP2 antibody	Immunology
References	McGilvray, R.W., et al. Int. J. Cancer 127(6):1412-1420(2010) Nuckel, H., et al. Leukemia 24(6):1152-1159(2010) Antoun, A., et al. Hum. Immunol. 71(6):610-620(2010) Davila, S., et al. Genes Immun. 11(3):232-238(2010) Ward, J., et al. PLoS Pathog. 5 (10), E1000613 (2009) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	13376824
NCBI GeneID	80328
NCBI Accession #	NP_079493.1
NCBI GenBank Nucleotide #	NM_025217.3
UniProt Accession #	Q9BZM5; Q5VUN4
Molecular Weight	27368
NCBI Official Full Name	NKG2D ligand 2 preproprotein
NCBI Official Synonym Full Names	UL16 binding protein 2
NCBI Official Symbol	ULBP2
NCBI Official Synonym Symbols	N2DL2; RAET1H; NKG2DL2; ALCAN-alpha
NCBI Protein Information	NKG2D ligand 2
UniProt Protein Name	NKG2D ligand 2

UniProt Gene Name	ULBP2
UniProt Synonym Gene Names	N2DL2; RAET1H; N2DL-2; NKG2DL2
UniProt Entry Name	N2DL2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ulbp2-antibody-western-blot-elisa/284312>