

Rabbit anti-Human ULBP1 Polyclonal Antibody | anti-ULBP1 antibody

ULBP1 Antibody

CATALOG # AAA234186	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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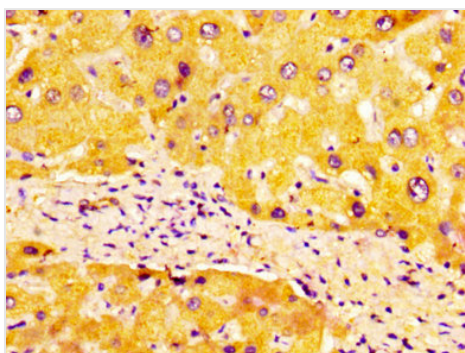
PRODUCT SYNONYMS

ULBP1; Polyclonal Antibody; ULBP1 Antibody; NKG2D ligand 1; N2DL-1; NKG2DL1; ALCAN-beta; Retinoic acid early transcript 1I; UL16-binding protein 1; N2DL1; RAET1I; anti-ULBP1 antibody

PRODUCT SPECIFICATIONS

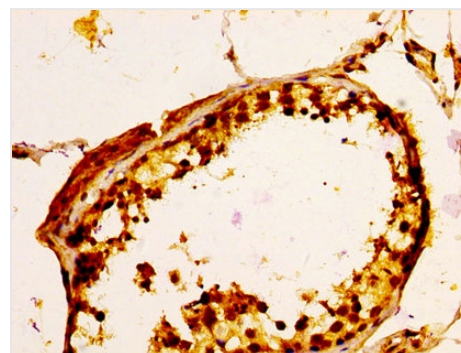
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	64
Applicable Applications for anti-ULBP1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human NKG2D ligand 1 protein (26-216AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image of AAA234186 diluted at 1:100 and staining in paraffin-embedded human liver tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234186 diluted at 1:100 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-ULBP1 antibody	Ligand for the KLRK1/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 KLRK1/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 KLRK1/NKG2D receptor, providing a mechanism by which CMV infected cells might escape the immune system. UL16 also causes ULBP1 to be retained in the ER and cis-Golgi apparatus so that it does not reach the cell surface.
Product Categories/Family for anti-ULBP1 antibody	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	952556270
NCBI GeneID	80329
NCBI Accession #	NP_001304018.1
NCBI GenBank Nucleotide #	NM_001317089.1
UniProt Accession #	Q9BZM6; Q5VY81; Q8IZW3; Q8IZX6
Molecular Weight	27,997 Da
NCBI Official Full Name	UL16-binding protein 1 isoform 2
NCBI Official Synonym Full Names	UL16 binding protein 1
NCBI Official Symbol	ULBP1
NCBI Official Synonym Symbols	N2DL-1; RAET1I; NKG2DL1
NCBI Protein Information	UL16-binding protein 1; NKG2D ligand 1
UniProt Protein Name	UL16-binding protein 1
UniProt Gene Name	ULBP1
UniProt Synonym Gene Names	N2DL1; RAET1I; N2DL-1; NKG2DL1

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/ulbp1-antibody-immunohistochemistry-elisa/234186>