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Datasheet for ABIN1538674
anti-ULBP2 antibody (AA 88-116)

2 Images

Overview

Quantity:	400 µL
Target:	ULBP2
Binding Specificity:	AA 88-116
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ULBP2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	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.
Clone:	RB37009
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ULBP2
Alternative Name:	ULBP2 (ULBP2 Products)
Background:	Ligand for the NKG2D receptor, together with at least ULBP1 and ULBP3. ULBPs activate

Target Details

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.

Molecular Weight: 27368

Gene ID: 80328

NCBI Accession: [NP_079493](#)

UniProt: [Q9BZM5](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

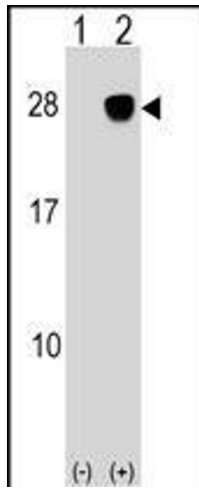
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

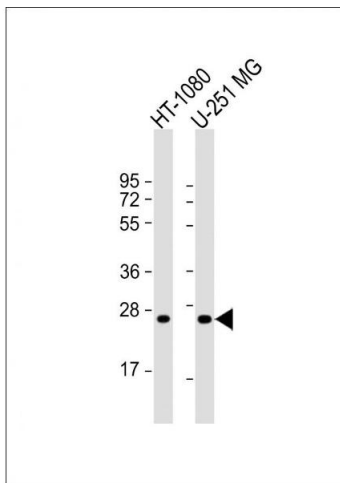
Storage Comment: ULBP2 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

Image 1. Western blot analysis of ULBP2 (arrow) using rabbit polyclonal ULBP2 Antibody (Center) (ABIN1538674 and ABIN2848734). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the ULBP2 gene.



Western Blotting

Image 2. All lanes : Anti-ULBP2 Antibody (Center) at 1:1000 dilution Lane 1: HT-1080 whole cell lysate Lane 2: U-251 MG whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 27 kDa Blocking/Dilution buffer: 5 % NFDN/TBST.