

A10483

Leader in Biomolecular Solutions for Life Science



# ULBP1 Rabbit pAb

Catalog No.: A10483

## Basic Information

### Observed MW

28kDa

### Calculated MW

28kDa

### Category

Polyclonal Antibody

### Applications

WB,IHC-P,ELISA

### Cross-Reactivity

Human,Mouse

## Background

The protein encoded by this gene is a ligand of natural killer group 2, member D (NKG2D), an immune system-activating receptor on NK cells and T-cells. Binding of the encoded ligand to NKG2D leads to activation of several signal transduction pathways, including those of JAK2, STAT5, ERK and PI3K kinase/Akt. Also, in cytomegalovirus-infected cells, this ligand binds the UL16 glycoprotein and is prevented from activating the immune system. Three transcript variants encoding different isoforms have been found for this gene.

## Recommended Dilutions

**WB** 1:1000 - 1:2000

**IHC-P** 1:100 - 1:500

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

80329

### Swiss Prot

Q9BZM6

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 26-216 of human ULBP1 (NP\_079494.1).

### Synonyms

N2DL-1; RAET1I; NKG2DL1; ULBP1

## Contact

 [www.abclonal.com](http://www.abclonal.com)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

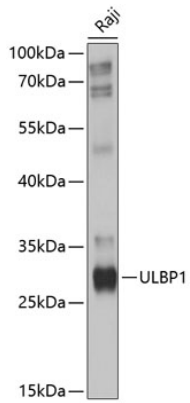
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of lysates from Raji cells, using ULBP1 Rabbit pAb (A10483) at 1:1000 dilution.

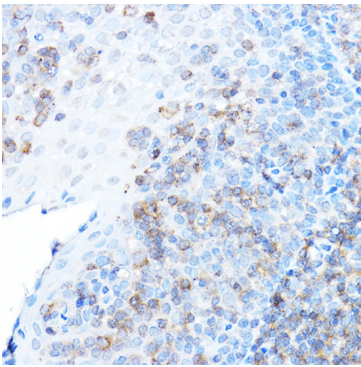
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

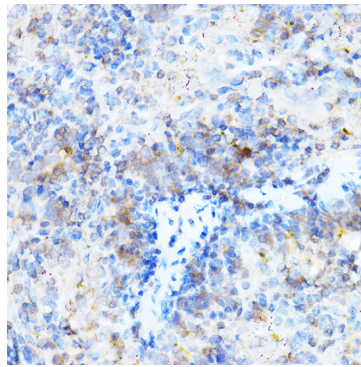
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using ULBP1 Rabbit pAb (A10483) at dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen using ULBP1 Rabbit pAb (A10483) at dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.