

For Research Use Only

# ULBP2 Polyclonal antibody

Catalog Number: 31504-1-AP



## Basic Information

### Catalog Number:

31504-1-AP

### Size:

150ul , Concentration: 950 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_025217.4

### GeneID (NCBI):

80328

### UNIPROT ID:

Q9BZM5

### Full Name:

UL16 binding protein 2

### Calculated MW:

27 kDa

### Observed MW:

30 kDa

### Purification Method:

Antigen affinity Purification

### Recommended Dilutions:

WB 1:2000-1:10000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

human

### Positive Controls:

WB : Jurkat cells, Saos-2 cells

## Background Information

ULBP2, or UL16-binding protein 2, is a member of the retinoic acid early transcript (RAET) family and serves as a ligand for the NKG2D receptor, which is expressed on natural killer (NK) cells, CD8+ T cells, and certain subsets of CD4+ T cells (PMID: 18791713). ULBP2 plays a critical role in the immune response by mediating natural killer cell cytotoxicity and is involved in antigen processing and presentation (PMID: 22102694; 21764762). ULBP2 has been implicated in various cancers and is associated with prognosis and immune infiltration in colon cancer (PMID: 36633827).

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

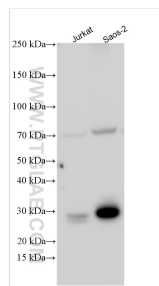
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31504-1-AP (ULBP2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.