

## ULBP1

**Reactivity:** Human

**Tested applications:** WB

**Recommended Dilution:** WB 1:1000 - 1:2000

**Calculated MW:** 28kDa

**Observed MW:** Refer to figures

**Immunogen:**

Recombinant protein of human ULBP1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

N2DL-1; RAET1I; NKG2DL1;

**Catalog #:** A10483

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 80329

**Isotype:** IgG

**Swiss Prot:** Q9BZM6

**Purity:** Affinity purification

For research use only.

**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.

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