



N2DL1 rabbit pAb

Cat No.:ES11053

For research use only

Overview

Product Name	N2DL1 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	N2DL1 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	NKG2D ligand 1 (N2DL-1) (NKG2DL1) (ALCAN-beta) (Retinoic acid early transcript 1I) (UL16-binding protein 1)
Gene Name	ULBP1 N2DL1 RAET1I
Cellular localization	Cell membrane ; Lipid-anchor, GPI-anchor . Endoplasmic reticulum . In CMV-infected fibroblasts, detected in the endoplasmic reticulum/cis-Golgi. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	26kD
Human Gene ID	80329
Human Swiss-Prot Number	Q9BZM6
Alternative Names	
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





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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. [provided by RefSeq, Nov 2015],



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