

ARG43637 anti-RAET1E / ULBP4 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes RAET1E / ULBP4
Tested Reactivity	Hu
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	RAET1E / ULBP4
Species	Human
Immunogen	Synthetic peptide within a.a 150-180 of Human RAET1E / ULBP4 protein.
Conjugation	Un-conjugated
Alternate Names	LETAL; Retinoic acid early transcript 1E; RAE-1-like transcript 4; bA350J20.7; N2DL-4; NKG2DL4; ULBP4; RAET1E2; RL-4; Lymphocyte effector toxicity activation ligand; NKG2D ligand 4

Application Instructions

Application table	Application	Dilution
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	~ 30-35 kDa	

Properties

Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% Sodium azide.
Preservative	0.09% Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	RAET1E
Gene Full Name	retinoic acid early transcript 1E
Background	This gene belongs to the RAET1 family, which consists of major histocompatibility complex (MHC) class I-related genes located in a cluster on chromosome 6q24.2-q25.3. This and RAET1G protein differ from other RAET1 proteins in that they have type I membrane-spanning sequences at their C termini rather than glycosylphosphatidylinositol anchor sequences. This protein functions as a ligand for NKG2D receptor, which is expressed on the surface of several types of immune cells, and is involved in innate and adaptive immune responses. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Aug 2011]
Function	Ligand for the KLRK1 receptor. Delivers activating signals to NK cells and promotes tumor immune surveillance by inducing the expansion of anti-tumor cytotoxic lymphocytes. [UniProt]
Calculated Mw	30 kDa
PTM	Disulfide bond; Glycoprotein
Cellular Localization	Membrane; Secreted