

ARG43637 anti-RAET1E / ULBP4 antibody

Package: 100 µl
Store at: -20°C

Summary

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| 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

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| 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

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| 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

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| Gene Symbol | RAET1E |
| Gene Full Name | retinoic acid early transcript 1E |
| Background | This gene belong 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 |