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Datasheet for ABIN6992142

anti-Retinoic Acid Early Transcript 1E (RAET1E) (AA 160-210) antibody

Overview

Quantity:	0.1 mg
Target:	Retinoic Acid Early Transcript 1E (RAET1E)
Binding Specificity:	AA 160-210
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Western Blotting (WB), Immunocytochemistry (ICC)

Product Details

Immunogen:	RAET1E antibody was raised against an 18 amino acid peptide near the center of human RAET1E. The immunogen is located within amino acids 160 - 210 of RAET1E.
Isotype:	IgG
Specificity:	RAET1E antibody is human and mouse reactive. At least four isoforms of RAET1E are known to exist, this antibody will detect all four.
Purification:	RAET1E antibody is affinity chromatography purified via peptide column.

Target Details

Target:	Retinoic Acid Early Transcript 1E (RAET1E)
Alternative Name:	RAET1E (RAET1E Products)
Background:	The Retinoic acid early transcript 1E (RAET1E) belongs to the RAET1 family, which consists of major histocompatibility complex (MHC) class I-related genes located in a cluster on

Target Details

chromosome 6q24.2-q25.3 (1). Like the related protein RAET1G, RAET1E differs from other RAET1 proteins in that they have type I membrane-spanning sequences at their carboxy termini rather than glycosylphosphatidylinositol anchor sequences (2). RAET1E 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 (1,3).

Molecular Weight: Predicted: 29 kDa

Observed: 29 kDa

Gene ID: 135250

NCBI Accession: [NP_631904](#)

UniProt: [P84103](#)

Application Details

Application Notes: RAET1E antibody can be used for detection of RAET1E by Western blot at 1 - 2 μ g/mL. Antibody can also be used for immunocytochemistry starting at 2.5 μ g/mL.

Antibody validated: Western Blot in mouse samples and Immunocytochemistry in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: RAET1E antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: RAET1E antibody can be stored at 4°C for three months and -20°C, stable for up to one year.