

Product datasheet for TA342098

IRAG1 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for Anti-MRVI1 antibody is: synthetic peptide directed towards the N-

terminal region of Human MRVI1. Synthetic peptide located within the following region:

LVNDQLPDISISEEDKKKNLALLEEAKLVSERFLTRRGRKSRSSPGDSPS

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification: Affinity Purified

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Predicted Protein Size: 88 kDa

Gene Name: murine retrovirus integration site 1 homolog

Database Link: NP 001092049

Entrez Gene 10335 Human

Q9Y6F6



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Background:

This gene is similar to a putative mouse tumor suppressor gene (Mrvi1) that is frequently disrupted by mouse AIDS-related virus (MRV). The encoded protein, which is found in The membrane of The endoplasmic reticulum, is similar to Jaw1, a lymphoid-restricted protein whose expression is down-regulated during lymphoid differentiation. This protein is a substrate of cGMP-dependent kinase-1 (PKG1) that can function as a regulator of IP3-induced calcium release. Studies in mouse suggest that MRV integration at Mrvi1 induces myeloid leukemia by altering The expression of a gene important for myeloid cell growth and/or differentiation, and thus This gene may function as a myeloid leukemia tumor suppressor gene. Several alternatively spliced transcript variants encoding different isoforms have been found for This gene, and alternative translation start sites, including a non-AUG (CUG) start site, are used.

Synonyms: IRAG; JAW1L

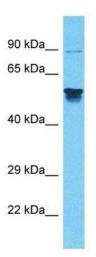
Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%

Protein Families: Transmembrane

Protein Pathways: Vascular smooth muscle contraction

Product images:



Host: Rabbit

Target Name: MRVI1

Sample Tissue: Thymus Tumor Lysate

Antibody Dilution: 1.0µg/ml

Host: Rabbit; Target Name: MRVI1; Sample Tissue: Thymus Tumor lysates; Antibody Dilution:

1.0 ug/ml