

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: LVNDQLPDISISEEDKKNLALLEEAKLVSERFLTRRGRKSRSSPGDSPS
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
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



[View online »](#)

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: 1.0 µg/ml

Host: Rabbit; Target Name: MRVI1; Sample Tissue: Thymus Tumor lysates; Antibody Dilution: 1.0 ug/ml