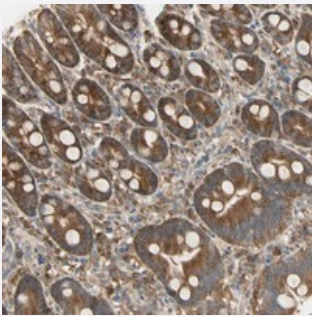


# MRVI1 polyclonal antibody

Catalog # PAB20443      Size 100 uL

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human duodenum with MRVI1 polyclonal antibody (Cat # PAB20443) shows strong cytoplasmic positivity in glandular cells at 1:50-1:200 dilution.

## Specification

Product Description	Rabbit polyclonal antibody raised against recombinant MRVI1.
Immunogen	Recombinant protein corresponding to amino acids of human MRVI1.
Sequence	NLVGLKLPDLSEAAEQEKGLPSELSPAIEEEESKSGLDVMPNISDVLLRKLRVHRSLPGSAPPLT EKEVENVFVQLSLAFRNDSTLESIRINQAERERNL
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

**Storage Instruction**

Store at 4°C. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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## Gene Info — MRVI1

Entrez GeneID [10335](#)

Protein Accession# [Q9Y6F6](#)

Gene Name MRVI1

Gene Alias IRAG, JAW1L

Gene Description murine retrovirus integration site 1 homolog

Omim ID [604673](#)

Gene Ontology [Hyperlink](#)

**Gene Summary**

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 downregulated during lymphoid differentiation. 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, few of which initiate translation at a non-AUG (CUG) start site. [provided by RefSeq]

**Other Designations**

IP3R-associated cGMP kinase substrate|JAW1-related protein|inositol 1,4,5-triphosphate-associated cGMP kinase substrate

## Pathway

- [Vascular smooth muscle contraction](#)

## Disease

- [Genetic Predisposition to Disease](#)
- [Neoplasm Invasiveness](#)
- [Prostatic Neoplasms](#)
- [Tobacco Use Disorder](#)