

**MRVI1 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP56856****Specification**

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**MRVI1 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	<a href="#">Q9Y6F6</a>
Reactivity	Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	97957

**MRVI1 Polyclonal Antibody - Additional Information****Gene ID** 10335**Other Names**

Inositol 1, 4, 5-trisphosphate receptor associated 1, Inositol 1, 4, 5-trisphosphate receptor-associated cGMP kinase substrate, JAW1-related protein MRVI1, Protein MRVI1, IRAG1 ([HGNC:7237](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=7237)), IRAG, JAW1L, MRVI1

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**MRVI1 Polyclonal Antibody - Protein Information****Name** IRAG1 ([HGNC:7237](#))**Synonyms** IRAG, JAW1L, MRVI1**Function**

Plays a role as NO/PRKG1-dependent regulator of IP3-induced calcium release; its phosphorylation by PRKG1 inhibits bradykinin and IP3-induced calcium release from intracellular stores. Recruits PRKG1 to the endoplasmic reticulum and may mediate the assembly of PRKG1 and ITPR1 in a macrocomplex. Involved in PRKG1 signaling cascade leading to inhibition of platelet activation and aggregation. Mediates also NO- dependent inhibition of calcium signaling in gastrointestinal smooth muscle contributing to NO-dependent relaxation.

**Cellular Location**

Cytoplasm, perinuclear region. Sarcoplasmic reticulum. Membrane; Single-pass membrane protein

**Tissue Location**

Expressed in the colon, rectum, and cultured colonic smooth muscle. Detected in various cancer cell lines

### **MRVI1 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **MRVI1 Polyclonal Antibody - Images**