

SAMD9 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP59097**Specification**

SAMD9 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q5K651
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	184281

SAMD9 Polyclonal Antibody - Additional Information**Gene ID** 54809**Other Names**

Sterile alpha motif domain-containing protein 9, SAM domain-containing protein 9, SAMD9, C7orf5, DRIF1, KIAA2004, OEF1

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.

SAMD9 Polyclonal Antibody - Protein Information**Name** SAMD9**Synonyms** C7orf5, DRIF1, KIAA2004, OEF1**Function**

Double-stranded nucleic acid binding that acts as an antiviral factor by playing an essential role in the formation of cytoplasmic antiviral granules (PubMed:25428864, PubMed:28157624). May play a role in the inflammatory response to tissue injury and the control of extra-osseous calcification, acting as a downstream target of TNF-alpha signaling. Involved in the regulation of EGR1, in coordination with RGL2. May be involved in endosome fusion.

Cellular Location

Cytoplasm

Tissue Location

Widely expressed. Very low levels are detected in skeletal muscle. Not detected in brain.

Down-regulated in aggressive fibromatosis, as well as in breast and colon cancers. Up-regulated in fibroblasts from patients with normophosphatemic tumoral calcinosis (NFTC).

SAMD9 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](#)

SAMD9 Polyclonal Antibody - Images