

SAMD9 Rabbit mAb

Catalog # AP76053

Product Information

Application	WB, ICC
Primary Accession	Q5K651
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	184281

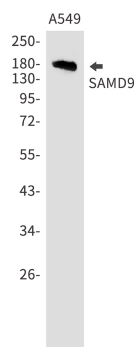
Additional Information

Gene ID	54809
Other Names	SAMD9
Dilution	WB~~1/500-1/1000 ICC~~N/A
Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

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).

Images



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