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SAMD9 Rabbit mAb

Catalog # AP76053

Product Information

Application	WB, FC
Primary Accession	Q5K651
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Purification	Affinity Purified
Calculated MW	184281

Additional Information

Gene ID	54809
Other Names	SAMD9
Dilution	WB~~1:1000-1:5000 FC~~1:20-1:50
Format	Liquid in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

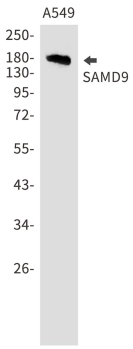
Protein Information

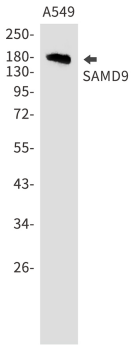
Name	SAMD9
Synonyms	C7orf5, DRIF1, KIAA2004, OEF1
Function	Double-stranded nucleic acid binding that acts as an antiviral factor by playing an essential role in the formation of cytoplasmic antiviral granules (PubMed:25428864, PubMed:28157624). May play a role in the inflammatory response to tissue injury and the control of extra-osseous calcification, acting as a downstream target of TNF 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).

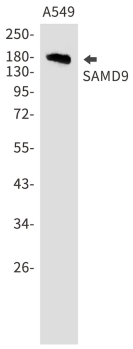
Background

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.

Images







Western blot analysis of SAMD9 in A549 lysates using SAMD9 antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.