

Rabbit anti-Human SAMD8 Polyclonal Antibody | anti-SAMD8 antibody

SAMD8 Antibody

CATALOG # AAA232962	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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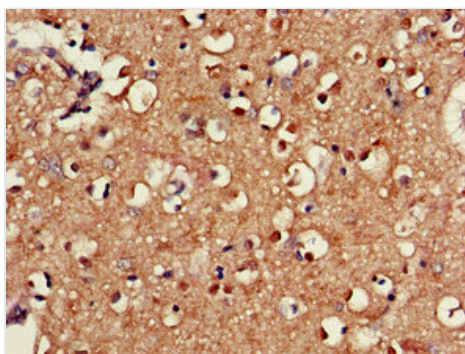
PRODUCT SYNONYMS

SAMD8; Polyclonal Antibody; SAMD8 Antibody; Sphingomyelin synthase-related protein 1; SMSr; Ceramide phosphoethanolamine synthase; CPE synthase; Sterile alpha motif domain-containing protein 8; SAM domain-containing protein 8; anti-SAMD8 antibody

PRODUCT SPECIFICATIONS

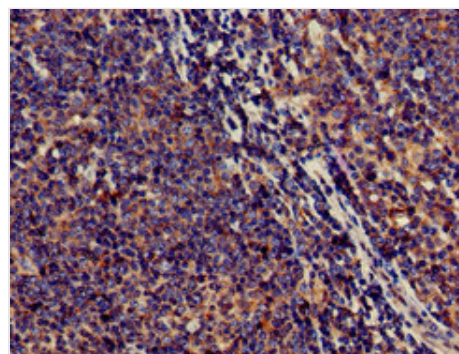
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	415
Applicable Applications for anti-SAMD8 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Sphingomyelin synthase-related protein 1 protein (1-152AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-139050
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human brain tissue using AAA232962 at dilution of 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lymph node tissue using AAA232962 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-SAMD8 antibody	Sphingomyelin synthases synthesize sphingolipids through transfer of a phosphatidyl head group on to the primary hydroxyl of ceramide. SAMD8 is an endoplasmic reticulum (ER) transferase that has no sphingomyelin synthase activity but can convert phosphatidylethanolamine (PE) and ceramide to ceramide phosphoethanolamine (CPE) albeit with low product yield. Appears to operate as a ceramide sensor to control ceramide homeostasis in the endoplasmic reticulum rather than a converter of ceramides. Seems to be critical for the integrity of the early secretory pathway.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	292658773
NCBI GeneID	142891
NCBI Accession #	NP_001167627.1
NCBI GenBank Nucleotide #	NM_001174156.1
UniProt Accession #	Q96LT4; Q5JSC5; Q5JSC8; Q66K52
Molecular Weight	37,609 Da
NCBI Official Full Name	sphingomyelin synthase-related protein 1 isoform 1
NCBI Official Synonym Full Names	sterile alpha motif domain containing 8
NCBI Official Symbol	SAMD8
NCBI Official Synonym Symbols	SMSr; HEL-177
NCBI Protein Information	sphingomyelin synthase-related protein 1
UniProt Protein Name	Sphingomyelin synthase-related protein 1
UniProt Gene Name	SAMD8
UniProt Synonym Gene Names	SMSr; CPE synthase; SAM domain-containing protein 8
UniProt Entry Name	SAMD8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/samd8-antibody-immunohistochemistry-elisa/232962>