Datasheet for ABIN7170561

anti-SAMD8 antibody (AA 1-152)

2 Images

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Overview

Quantity:	100 µg
Target:	SAMD8
Binding Specificity:	AA 1-152
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SAMD8 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Sphingomyelin synthase-related protein 1 protein (1-152AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SAMD8
Alternative Name:	SAMD8 (SAMD8 Products)
Background:	Background: Sphingomyelin synthases synthesize sphingolipids through transfer of a phosphatidyl head group on to the primary hydroxyl of ceramide. SAMD8 is an endoplasmic

Target Details

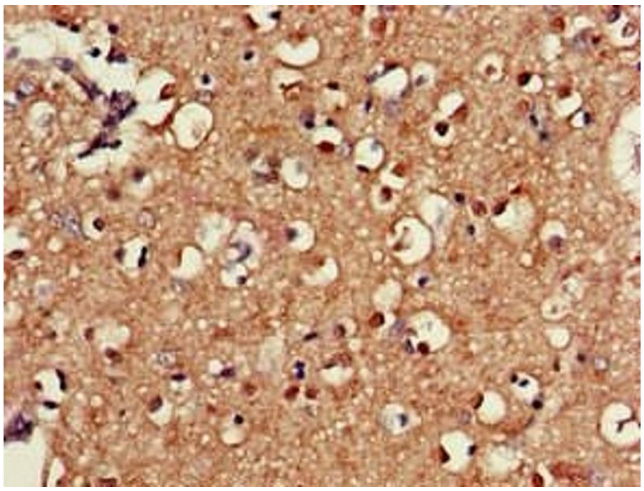
	reticulum (ER) transferase that has no sphingomyelin synthase activity but can convert phosphatidylethanolamine (PE) and ceramide to ceramide phosphoethanolamine (CPE) albeit with low product yield. Appears to operate as a ceramide sensor to control ceramide homeostasis in the endoplasmic reticulum rather than a converter of ceramides. Seems to be critical for the integrity of the early secretory pathway. Aliases: SAMD8Sphingomyelin synthase-related protein 1 antibody, SMSr antibody, EC 2.7.8.- antibody, Ceramide phosphoethanolamine synthase antibody, CPE synthase antibody, Sterile alpha motif domain-containing protein 8 antibody, SAM domain-containing protein 8 antibody
UniProt:	Q96LT4

Application Details

Application Notes:	Recommended dilution: IHC:1:20-1:200,
Restrictions:	For Research Use only

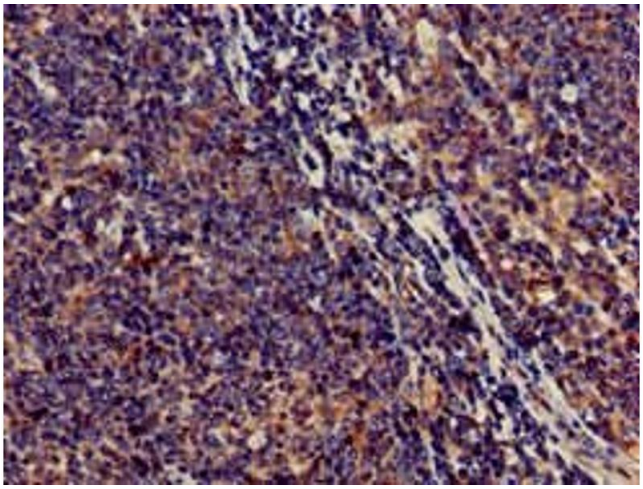
Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7170561 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human lymph node tissue using ABIN7170561 at dilution of 1:100