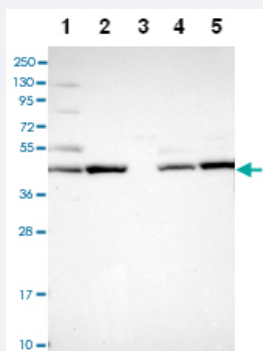


SGMS1 polyclonal antibody

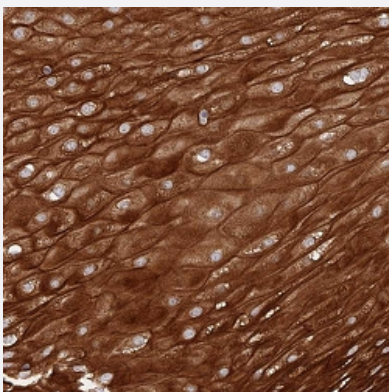
Catalog # PAB28308 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane 1: RT-4 Lane 2: U-251 MG Lane 3: Human Plasma Lane 4: Liver Lane 5: Tonsil with SGMS1 polyclonal antibody (Cat # PAB28308).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human oral mucosa with SGMS1 polyclonal antibody (Cat # PAB28308) shows strong cytoplasmic and membranous positivity in squamous epithelial cells.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant SGMS1.
Immunogen	Recombinant protein corresponding to amino acids of recombinant SGMS1.
Sequence	ASTMKEVVYWSPKKVADWLLNAMPEYCEPLEHFTGQDLINLTQEDFKKPPLCRVSSDNGQRLL DMIETLKMEHHLEAHKNGHANGHLNIGVDIPTDGSFSIKIKPNGMPNGYRKEMIKIPM
Host	Rabbit
Reactivity	Human

Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:500-1:1000) Western Blot (1:100-1:250) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Lane 1: RT-4 Lane 2: U-251 MG Lane 3: Human Plasma Lane 4: Liver Lane 5: Tonsil with SGMS1 polyclonal antibody (Cat # PAB28308).

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Gene Info — SGMS1

Entrez GeneID	259230
Protein Accession#	Q86VZ5
Gene Name	SGMS1
Gene Alias	MGC17342, MOB, MOB1, SMS1, TMEM23
Gene Description	sphingomyelin synthase 1
Omim ID	611573
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is predicted to be a five-pass transmembrane protein. This gene may be predominately expressed in brain. [provided by RefSeq]

Other Designations

OTTHUMP00000035396|hmob33 protein|medulla oblongata-derived protein|phosphatidylcholine: ceramide cholinephosphotransferase 1|putative membrane protein|transmembrane protein 23

Pathway

- [Metabolic pathways](#)
- [Sphingolipid metabolism](#)

Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)