



Rabbit Anti-MAL antibody

SL4693R

Product Name:	MAL
Chinese Name:	MAL蛋白抗体
Alias:	mal; MAL protein gene; Mal T-cell differentiation protein; MAL_HUMAN; MALGENE; MPV17; Myelin and lymphocyte protein; T-cell differentiation protein MAL; T-lymphocyte maturation-associated protein; VIP17.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	17kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human MAL:65-153/153
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	The protein encoded by this gene is a highly hydrophobic integral membrane protein belonging to the MAL family of proteolipids. The protein has been localized to the endoplasmic reticulum of T-cells and is a candidate linker protein in T-cell signal transduction. In addition, this proteolipid is localized in compact myelin of cells in the nervous system and has been implicated in myelin biogenesis and/or function. The

protein plays a role in the formation, stabilization and maintenance of glycosphingolipid-enriched membrane microdomains. Alternative splicing produces four transcript variants which vary from each other by the presence or absence of alternatively spliced exons 2 and 3. [provided by RefSeq, Jul 2008].

Function:

Could be an important component in vesicular trafficking cycling between the Golgi complex and the apical plasma membrane. Could be involved in myelin biogenesis and/or myelin function.

Subcellular Location:

Membrane; Multi-pass membrane protein.

Post-translational modifications:

Lipoprotein.

Similarity:

Belongs to the MAL family.
Contains 1 MARVEL domain.

SWISS:

P21145

Gene ID:

4118

Database links:

[Entrez Gene: 4118](#) Human

[Entrez Gene: 17153](#) Mouse

[Entrez Gene: 25263](#) Rat

[Omim: 188860](#) Human

[SwissProt: Q28296](#) Dog

[SwissProt: P21145](#) Human

[SwissProt: O09198](#) Mouse

[SwissProt: Q64349](#) Rat

[Unigene: 80395](#) Human

[Unigene: 39040](#) Mouse

[Unigene: 10174](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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