

FAM49B Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15492**Specification**

FAM49B Antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9NUO9
Other Accession	NM_016623 , NP_057707
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36kDa KDa

FAM49B Antibody - N-terminal region - Additional Information**Gene ID** 51571

Alias Symbol	BM-009, DKFZp686B04128, L1
Other Names	
Protein FAM49B, L1, FAM49B	

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-FAM49B antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

FAM49B Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

FAM49B Antibody - N-terminal region - Protein Information**Name** CYRIB {ECO:0000303|PubMed:30250061, ECO:0000312|HGNC:HGNC:25216}**Function**

Negatively regulates RAC1 signaling and RAC1-driven cytoskeletal remodeling (PubMed:30250061, PubMed:31285585). Regulates chemotaxis, cell migration and epithelial polarization by controlling the polarity, plasticity, duration and extent of protrusions. Limits Rac1 mediated activation of the Scar/WAVE complex, focuses protrusion signals and regulates pseudopod complexity by inhibiting Scar/WAVE- induced actin polymerization (PubMed:30250061)

target="_blank">30250061). Protects against Salmonella bacterial infection. Attenuates processes such as macropinocytosis, phagocytosis and cell migration and restrict sopE- mediated bacterial entry (PubMed:31285585). Also restricts infection mediated by Mycobacterium tuberculosis and Listeria monocytogenes (By similarity). Involved in the regulation of mitochondrial dynamics and oxidative stress (PubMed:29059164).

Cellular Location

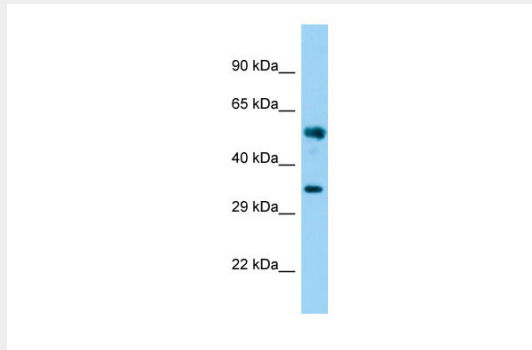
Membrane; Lipid-anchor. Mitochondrion

FAM49B Antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FAM49B Antibody - N-terminal region - Images



Host: Rabbit
Target Name: FAM49B
Sample Tissue: Fetal Brain lysates
Antibody Dilution: 1.0µg/ml

FAM49B Antibody - N-terminal region - References

Zhang Q.-H.,et al.Genome Res. 10:1546-1560(2000).
Petroziello J.,et al.Submitted (APR-2004) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Nusbaum C.,et al.Nature 439:331-335(2006).
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).