

FAM59B Antibody
Catalog # ASC11014**Specification**

FAM59B Antibody - Product Information

Application	WB, IHC, IF
Primary Accession	Q75VX8
Other Accession	Q75VX8 , 190359325
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application Notes	FAM59B antibody can be used for detection of FAM59B by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.

FAM59B Antibody - Additional Information

Gene ID	150946
Target/Specificity	
FAM59B;	

Reconstitution & Storage

FAM59B antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Precautions

FAM59B Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

FAM59B Antibody - Protein Information

Name GAREM2

Synonyms FAM59B, GAREML, KIAA2038

Function

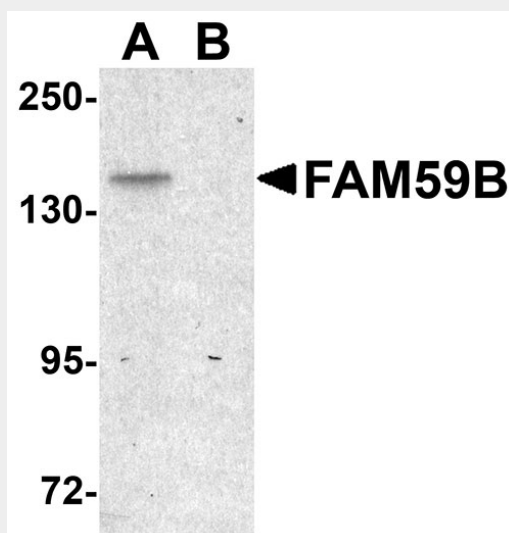
Probable adapter protein that may provide a link between cell surface epidermal growth factor receptor and the MAPK/ERK signaling pathway.

FAM59B Antibody - Protocols

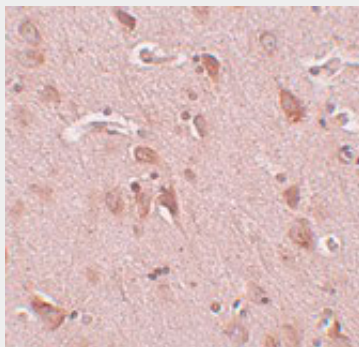
Provided below are standard protocols that you may find useful for product applications.

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

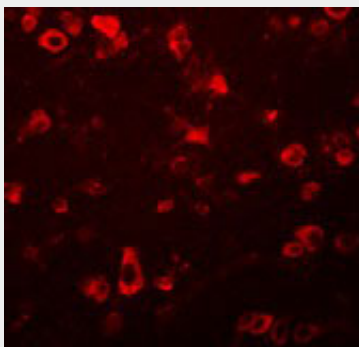
FAM59B Antibody - Images



Western blot analysis of FAM59B in SK-N-SH cell lysate with FAM59B antibody at 1 $\mu\text{g/mL}$ in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of FAM59B in human brain tissue with FAM59B antibody at 5 $\mu\text{g/mL}$.



Immunofluorescence of FAM59B in Human Brain cells with FAM59B antibody at 20 µg/mL.

FAM59B Antibody - Background

FAM59B Antibody: FAM59B is related to the FAM59A protein (also known as GAREM). While little is known of the role of the FAM59B protein, FAM59A is a downstream molecule in the EGF signaling pathway and binds Grb2, an adaptor protein crucial to the transduction of growth signals from the plasma membrane to the nucleus. Like FAM59A, FAM59B may play a role in ligand-mediated signaling pathway of the EGF receptor and the tumorigenesis of cells.

FAM59B Antibody - References

Blagoev B, Ong SE, Kratchmarova I, et al. Temporal analysis of phosphotyrosine-dependent signaling networks by quantitative proteomics. Nat. Biotechnol.2004; 22:1139-45.
Tashiro K, Tsunematsu T, Okubo H, et al. GAREM, a novel adaptor protein for growth factor receptor-bound protein 2, contributes to cellular transformation through activation of extracellular signal-regulated kinase signaling. J. Biol. Chem.2009; 284:20206-14.