

Datasheet for ABIN499824

anti-FAM59A antibody (C-Term)**2** Images[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	FAM59A
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAM59A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	FAM59A antibody was raised against a 19 amino acid peptide from near the carboxy terminus of human FAM59A.
Isotype:	IgG
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	FAM59A
Alternative Name:	FAM59A (FAM59A Products)
Background:	FAM59A, also known as GAREM, was initially identified through a mass spectroscopic method that measures different phosphotyrosine states of proteins in response to different cell stimuli.

Target Details

FAM59A is a downstream molecule in the EGF signaling pathway that is tyrosine-phosphorylated, and this phosphorylation is needed for the binding of Grb2, an adaptor protein crucial to the transduction of growth signals from the plasma membrane to the nucleus. ERK activation in response to EGF stimulation is regulated by FAM59A in COS-7 and HeLa cells, and the overexpression of FAM59A stimulated cell proliferation and colony formation in soft agar, suggesting that FAM59A might be a critical protein with roles in ligand-mediated signaling pathway of the EGF receptor and the tumorigenesis of cells. Synonyms: C18orf11

Gene ID: 64762

UniProt: [Q9H706](#)

Pathways: [EGFR Signaling Pathway](#)

Application Details

Application Notes: ELISA. Western Blot: 1 - 2 µg/mL. Immunohistochemistry.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 0.02 % sodium azide.

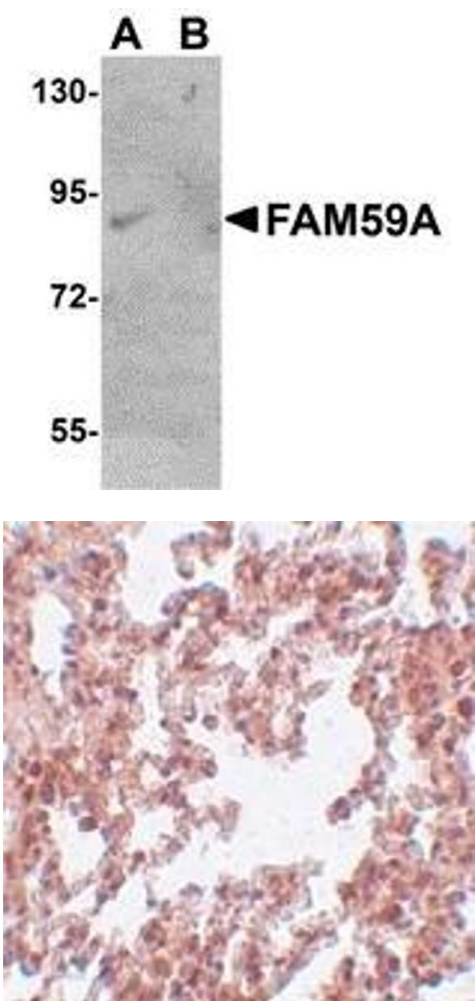
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store the antibody (in aliquots) at -20 °C.



Western Blotting

Image 1. Western blot analysis of FAM59A in rat liver tissue lysate with AP30330PU-N FAM59A antibody at (A) 1 and (B) 2 µg/ml.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of PLEKHM3 in human brain tissue with AP30330PU-N PLEKHM3 antibody at 5 µg/ml.