

Datasheet for ABIN499822
anti-FAM120A antibody (Center)[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	FAM120A
Binding Specificity:	Center
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAM120A antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	FAM120A antibody was raised against an 18 amino acid peptide from near the center of human FAM120A.
Isotype:	IgG
Specificity:	This antibody reacts to FAM120A.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	FAM120A
Alternative Name:	FAM120A (FAM120A Products)

Target Details

Background: FAM120A (C9orf10) is a member of the constitutive coactivator of PPAR gamma family and the gene was mapped to chromosome 9q22.31. FAM120A was recently detected within the Pur-alpha-containing mRNA-protein complex in the brain. As a novel RNA-binding protein, FAM120A is a critical component of the oxidative stress-induced survival signaling. It may participate in mRNA transport in the cytoplasm. FAM120A activates src family kinases and acts as a scaffolding protein enabling src family kinases to phosphorylate and activate PI3-kinase. FAM120A protects cells from apoptosis through activation of SRKs in response to oxidative stress. Blocking of the survival signaling mediated by FAM120A, which sensitizes the cancer cells to stress-induced apoptosis, may be a novel therapeutic approach for gastric scirrhous carcinoma cells. Synonyms: C9orf10, Constitutive coactivator of PPAR-gamma-like protein 1, KIAA0183, OSSA, Oxidative stress-associated Src activator, Protein FAM120A

Gene ID: 23196

NCBI Accession: [NP_055427](#)

UniProt: [Q9NZB2](#)

Application Details

Application Notes: ELISA. Western Blot: 0.5 - 1 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

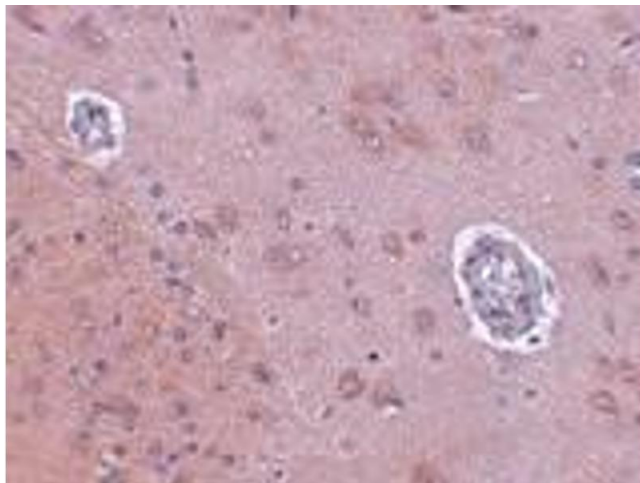
Buffer: PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

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

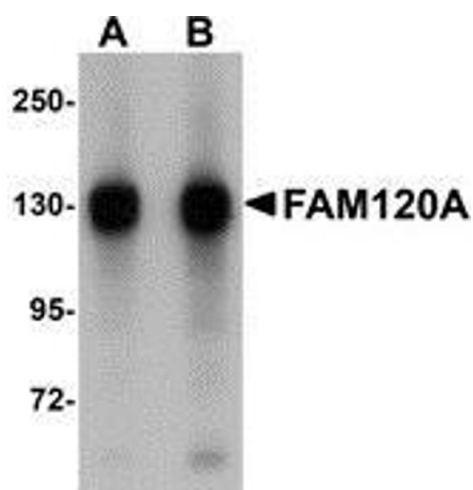
Storage: 4 °C

Storage Comment: Store the antibody undiluted at 2-8 °C.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of FAM120A in rat brain tissue with FAM120A antibody at 2.5 µg/ml.



Western Blotting

Image 2. Western blot analysis of FAM120A in SK-N-SH cell lysate with AP30329PU-N FAM120A antibody at (A) 0.5 and (B) 1 µg/ml.