

## Anti-FAM120A Antibody

Catalog Number: A09208

### About FAM120A

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 scirrhus carcinoma cells.

### Overview

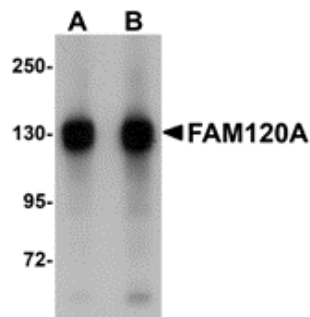
Product Name	Anti-FAM120A Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-FAM120A Antibody (Catalog # A09208). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	FAM120A Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	FAM120A antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9NZB2

### Technical Details

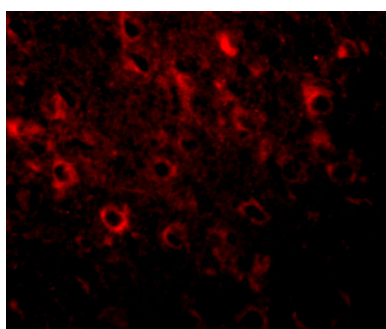
Immunogen	FAM120A antibody was raised against an 18 amino acid synthetic peptide from near the center of human FAM120A. The immunogen is located within amino acids 610 - 660 of FAM120A.
Predicted Reactive Species	Bovine
Cross Reactivity	This antibody will not cross-react with FAM120B / PGCC1.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL

Purification	FAM120A Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	FAM120A antibody can be used for detection of FAM120A by Western blot at 0.5 - 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 2.5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

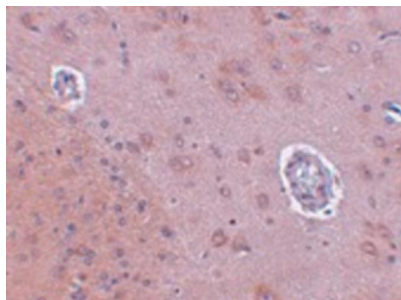
## Anti-FAM120A Antibody (A09208) Images



Western blot analysis of FAM120A in SK-N-SH cell lysate with FAM120A antibody at (A) 0.5 and (B) 1 ug/mL.



Immunofluorescence of FAM120A in Rat Brain cells with FAM120A antibody at 20 ug/mL.



Immunohistochemistry of FAM120A in rat brain tissue with FAM120A antibody at 2.5 ug/mL.

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For Research Use Only. Not for use in diagnostic procedures.