BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
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Anti-FAM120A Antibody

Catalog Number: M09208

About FAM120A

May participate in mRNA transport in the cytoplasm (By similarity). Critical component of the oxidative stress-induced survival signaling. Activates src family kinases and acts as a scaffolding protein enabling src family kinases to phosphorylate and activate PI3-kinase. Binds RNA and promotes the secretion of IGF-II. May play a pivotal role in the progression of scirrhous- type gastric cancer by supporting cancer cell survival in environments with various oxidative stresses.

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Overview

Product Name	Anti-FAM120A Antibody
Reactive Species	Human
Description	Boster Bio Anti-FAM120A Antibody (Catalog # M09208). Tested in WB, IHC-P, IF application(s). This antibody reacts with Human.
Application	IF, IHC-P, WB
Clonality	Monoclonal 1501CT803.19.85.5
Formulation	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Mouse
Uniprot ID	Q9NZB2

Technical Details

Immunogen	This FAM120A antibody is generated from a mouse immunized with a recombinant protein of human FAM120A.
Predicted Reactive Species	Bovine, Chicken, Hamster, Xenopus
Isotype	IgG1,k

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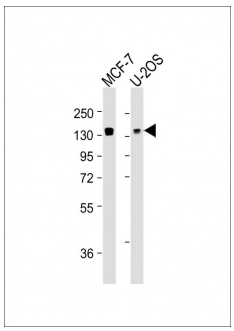
Purification	This antibody is purified through a protein G column, followed by dialysis against PBS.
Suggested Dilutions	IF: 1:25 WB: 1:4000 IHC-P: 1:25

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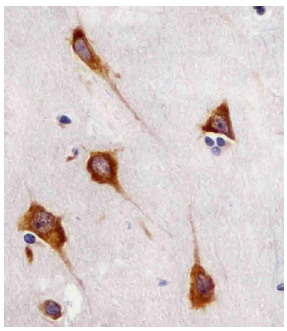
Anti-FAM120A Antibody (M09208) Images



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HeLa (human cervical epithelial adenocarcinoma cell line) cells labeling FAM120A with M09208 at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-mouse IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm staining on HeLa cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin at 1/100 dilution (red).The nuclear counter stain is DAPI (blue).



All lanes : Anti-FAM120A Antibody at 1:4000 dilutionLane 1: MCF-7 whole cell lysatesLane 2: U-2OS whole cell lysatesLysates/proteins at 20 ug per lane. SecondaryGoat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 122 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



M09208 staining FAM120A in human brain sections by Immunohistochemistry (IHC-P -paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0. 5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.

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