

Datasheet for ABIN6243853  
**anti-FAM120A antibody**

## 3 Images

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## Overview

Quantity:	200 µL
Target:	FAM120A
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FAM120A antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This FAM120A antibody is generated from a mouse immunized with a recombinant protein of human FAM120A.
Clone:	1501CT803-19-85-5
Isotype:	IgG1 kappa
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

## Target Details

Target:	FAM120A
Alternative Name:	FAM120A ( <a href="#">FAM120A Products</a> )
Background:	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

## Target Details

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 scirrhou- type gastric cancer by supporting cancer cell survival in environments with various oxidative stresses.

Molecular Weight: 121888

UniProt: [Q9NZB2](#)

## Application Details

Application Notes: IF: 1:25. WB: 1:4000. IHC-P: 1:25

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

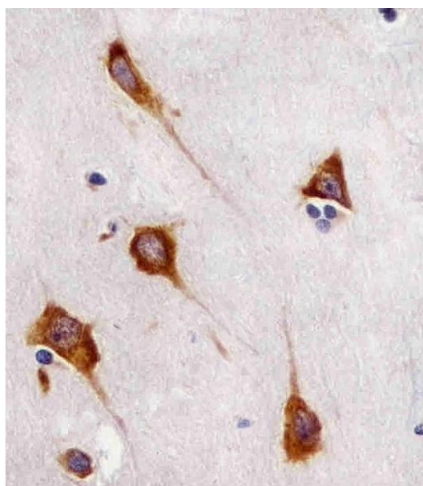
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

Expiry Date: 6 months

## Images



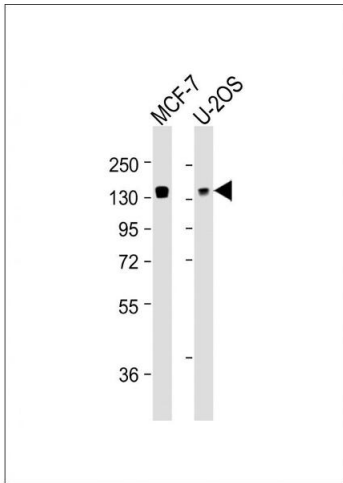
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** (ABIN6243853 and ABIN6577112) staining FA 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 (pH 6). Samples were incubated with primary antibody (1/25) for 1 hour at 37 °C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



### Immunofluorescence

**Image 2.** Immunofluorescent analysis of 4 % paraformaldehyde-fixed, 0.1 % Triton X-100 permeabilized HeLa (human cervical epithelial adenocarcinoma cell line) cells labeling FA with (ABIN6243853 and ABIN6577112) at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-mouse IgG (NA166821) secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm staining on HeLa cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin (PD18466410) at 1/100 dilution (red). The nuclear counter stain is DI (blue).



### Western Blotting

**Image 3.** All lanes : Anti-FA Antibody at 1:4000 dilution Lane 1: MCF-7 whole cell lysates Lane 2: U-2OS whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 122 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.