

## ARG43424 anti-FAM120A antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes FAM120A
Tested Reactivity	Hu, Rat
Predict Reactivity	Ms
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FAM120A
Species	Human
Immunogen	An 18-amino acid synthetic peptide within aa. 610-660 of Human FAM120A.
Conjugation	Un-conjugated
Alternate Names	Constitutive coactivator of PPAR-gamma-like protein 1; Protein FAM120A; C9orf10; Oxidative stress-associated Src activator; DNATP5; DNATP1; OSSA

### Application Instructions

Application table	Application	Dilution
	ICC/IF	20 µg/ml
	IHC-P	2.5 µg/ml
	WB	0.5 - 1 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	SK-N-SH	
Observed Size	~ 130 kDa	

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS and 0.02% Sodium azide.
Preservative	0.02% Sodium azide
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

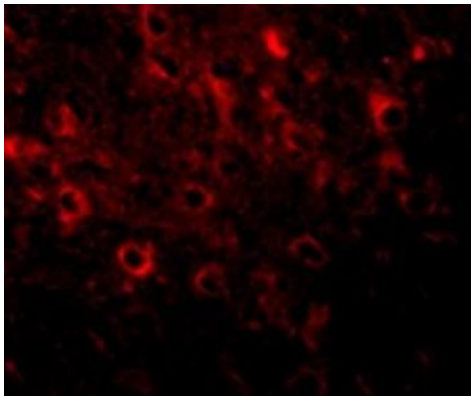
freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

**Note** For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

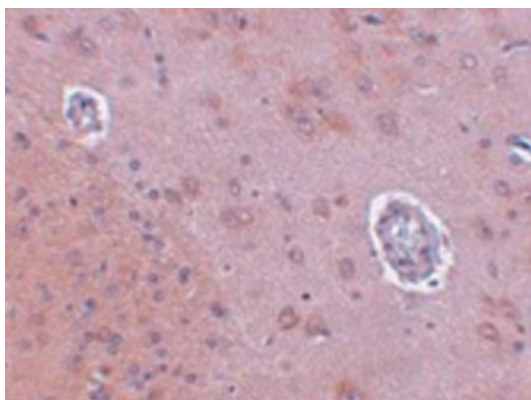
Gene Symbol	FAM120A
Gene Full Name	family with sequence similarity 120A
Function	May participate in mRNA transport in the cytoplasm (By similarity). Critical component of the oxidative stress-induced survival signaling. Activates src family kinases and acts as a scaffolding protein enabling src family 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 scirrhou-type gastric cancer by supporting cancer cell survival in environments with various oxidative stresses. [UniProt]
Calculated Mw	122 kDa
PTM	Arg-982 is dimethylated, probably to asymmetric dimethylarginine.  Phosphorylated on tyrosine by src family kinases upon ultraviolet exposure. [UniProt]
Cellular Localization	Cytoplasm. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Note=Translocates to plasma membrane upon ultraviolet exposure. [UniProt]

## Images



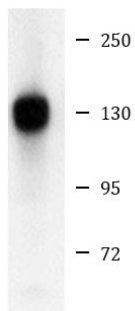
ARG43424 anti-FAM120A antibody ICC/IF image

Immunofluorescence: Rat brain cells stained with ARG43424 anti-FAM120A antibody at 20 µg/ml dilution.



ARG43424 anti-FAM120A antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Rat brain tissue stained with ARG43424 anti-FAM120A antibody at 2.5 µg/ml dilution.



SK-N-SH

#### ARG43424 anti-FAM120A antibody WB image

Western blot: SK-N-SH cell lysate stained with ARG43424 anti-FAM120A antibody at 0.5  $\mu$ g/ml dilution.