

ARG43430 anti-FAM120A antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes FAM120A
Tested Reactivity	Hu
Tested Application	IHC-P, WB
Host	Mouse
Clonality	Monoclonal
Clone	1501CT803.19.85.5
Isotype	IgG1, kappa
Target Name	FAM120A
Species	Human
Immunogen	Recombinant protein of Human FAM120A.
Conjugation	Un-conjugated
Alternate Names	Constitutive coactivator of PPAR-gamma-like protein 1; Protein FAM120A; C9orf10; Oxidative stress-associated Src activator; DNAPT5; DNAPT1; OSSA

Application Instructions

Application table	Application	Dilution
	IHC-P	1:25
	WB	1:4000
Application Note	IHC-P: Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	MCF7	
Observed Size	~ 135 kDa	

Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide
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.

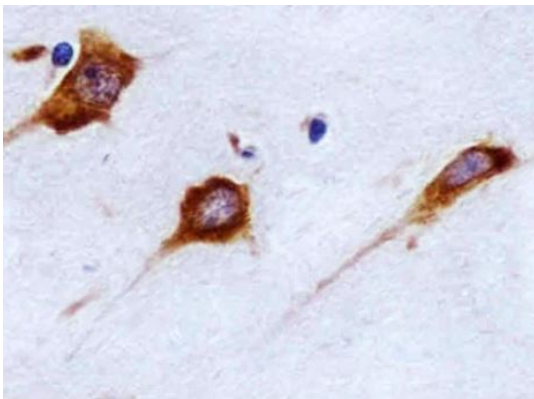
Note

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

Bioinformation

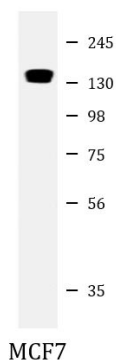
Gene Symbol	FAM120A
Gene Full Name	family with sequence similarity 120A
Function	May participate in mRNA transport in the cytoplasm (By similarity). Critical component of the oxidative stress-induced survival signaling. Activates src family kinases and acts as a scaffolding protein enabling src family 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



ARG43430 anti-FAM120A antibody IHC-P image

Immunohistochemistry: Paraformaldehyde-fixed and paraffin-embedded Human brain tissue. Tissue was blocked with 3% BSA for 0.5 hour at room temperature. Antigen Retrieval: Heat mediation was performed in Citrate buffer (pH 6.0). The tissue section was stained with ARG43430 anti-FAM120A antibody at 1:25 dilution for 1 hour at 37°C.



ARG43430 anti-FAM120A antibody WB image

Western blot: 20 µg of MCF7 whole cell lysate stained with ARG43430 anti-FAM120A antibody at 1:4000 dilution.