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Datasheet for ABIN6991172

anti-FAM120A antibody (AA 610-660)

Overview

Quantity:	0.1 mg
Target:	FAM120A
Binding Specificity:	AA 610-660
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FAM120A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product 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.
Isotype:	IgG
Specificity:	This antibody will not cross-react with FAM120B / PGCC1.
Purification:	FAM120A Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	FAM120A
Alternative Name:	FAM120A (FAM120A Products)

Target Details

Background:	FAM120A Antibody: 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 scirrhou carcinoma cells.
Gene ID:	23196
NCBI Accession:	NP_055427
UniProt:	Q9NZB2

Application Details

Application Notes:	<p>FAM120A antibody can be used for detection of FAM120A by Western blot at 0.5 - 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL.</p> <p>Antibody validated: Western Blot in human samples, Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested.</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	FAM120A Antibody is supplied in PBS containing 0.02 % 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:	-20 °C, 4 °C

Handling

Storage Comment: FAM120A antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.