

FAM120A Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254125

Unit: 0.1 mg

Description:

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. This antibody will not cross-react with FAM120B / PGCC1.

Isotype: Rabbit Ig

Applications: E, IF, IHC, WB

Species Reactivity: H, M, R

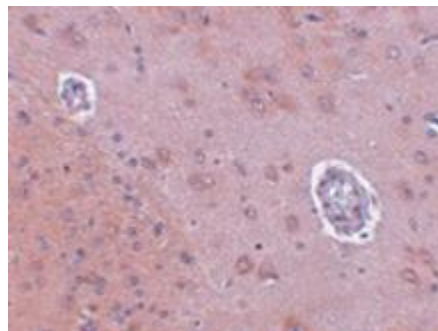
Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: FAM120A; Constitutive coactivator of PPAR-gamma-like protein 1; DNAPTP1; DNAPTP5; Oxidative stress-associated Src activator; OSSA

Accession No.: NP_055427

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human FAM120A.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; IF: 1:50-1:200



Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.