

Rabbit anti-Human FAM20C Polyclonal Antibody | anti-FAM20C antibody

FAM20C Antibody

CATALOG # AAA234660	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

FAM20C; Polyclonal Antibody; FAM20C Antibody; Extracellular serine/threonine protein kinase FAM20C; Dentin matrix protein 4By similarity; anti-FAM20C antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	584
Applicable Applications for anti-FAM20C antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Extracellular serine/threonine protein kinase FAM20C protein (107-224AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



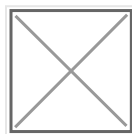
IHC (Immunohistochemistry)

IHC image of AAA234660 diluted at 1:500 and staining in paraffin-embedded human brain tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234660 diluted at 1:500 and staining in paraffin-embedded human liver tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: HepG2 whole cell lysateAll lanes: FAM20C antibody at 4.1ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 67, 30 KDaObserved band size: 67 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-FAM20C antibody	Golgi serine/threonine protein kinase that phosphorylates secretory pathway proteins within Ser-x-Glu/pSer motifs and plays a key role in biomineralization of bones and teeth (PubMed:22582013, PubMed:23754375, PubMed:25789606). Constitutes the main protein kinase for extracellular proteins, generating the majority of the extracellular phosphoproteome (PubMed:26091039). Mainly phosphorylates proteins within the Ser-x-Glu/pSer motif, but also displays a broader substrate specificity (PubMed:26091039). Phosphorylates casein as well as a number of proteins involved in biomineralization such as AMELX, AMTN, ENAM and SPP1 (PubMed:22582013, PubMed:25789606). In addition to its role in biomineralization, also plays a role in lipid homeostasis, wound healing and cell migration and adhesion (PubMed:26091039).
Product Categories/Family for anti-FAM20C antibody	Developmental Biology; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	116174742
NCBI GeneID	56975
NCBI Accession #	NP_064608.2
NCBI GenBank Nucleotide #	NM_020223.3
UniProt Accession #	Q8IXL6; Q5I0W9; Q7Z4I0; Q9NPT2; A4D2Q5; L8B5W8
Molecular Weight	29,597 Da
NCBI Official Full Name	extracellular serine/threonine protein kinase FAM20C
NCBI Official Synonym Full Names	FAM20C, golgi associated secretory pathway kinase
NCBI Official Symbol	FAM20C
NCBI Official Synonym Symbols	RNS; DMP4; G-CK; DMP-4; GEF-CK
NCBI Protein Information	extracellular serine/threonine protein kinase FAM20C
UniProt Protein Name	Extracellular serine/threonine protein kinase FAM20C
UniProt Gene Name	FAM20C
UniProt Synonym Gene Names	GEF-CK

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fam20c-antibody-immunohistochemistry-western-blot-elisa/234660>