

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

FAM20C Antibody, HRP conjugated

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234661	Rabbit	Human	ELISA

PRODUCT SYNONYMS

FAM20C; Polyclonal Antibody; FAM20C Antibody; HRP conjugated; Extracellular serine/threonine protein kinase FAM20C (EC 2.7.11.1) (Dentin matrix protein 4) (DMP-4) (Golgi casein kinase) (Golgi-enriched fraction casein kinase) (GEF-CK); DMP4; 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	ELISA
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Immunogen	Recombinant Human Extracellular serine/threonine protein kinase FAM20C protein (107-224AA)
Immunogen Species	Homo sapiens (Human)
Research Area	Signal Transduction
Target Names	FAM20C
Conjugation	HRP
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

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 GenBank Nucleotide #	NM_020223.3
UniProt Accession #	Q8IXL6; Q5I0W9; Q7Z4I0; Q9NPT2; A4D2Q5; L8B5W8
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://www.aaabiotech.com/polyclonal/fam20c-antibody-elisa/234661>