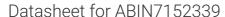
antibodies -online.com







anti-SERF2 antibody (AA 107-224) (Biotin)



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Overview		
Quantity:	100 µg	
Target:	SERF2	
Binding Specificity:	AA 107-224	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This SERF2 antibody is conjugated to Biotin	
Application:	ELISA	
Product Details		
Immunogen:	Recombinant Human Extracellular serine/threonine protein kinase FAM20C protein (107-224AA)	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	>95%, Protein G purified	
Target Details		
Target:	SERF2	
Alternative Name:	FAM2C (SERF2 Products)	
Background:	Background: 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).

Aliases: C76981 antibody, Dentin matrix protein 4 antibody, DKFZp547C074 antibody, DMP-4 antibody, DMP4_HUMAN antibody, Extracellular serine/threonine protein kinase Fam20C antibody, Fam20c antibody, Family with sequence similarity 20 member C antibody, GEF CK antibody, Golgi enriched fraction casein kinase antibody, Protein FAM20C antibody, RNS antibody

UniProt:

Q8IXL6

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C,-80 °C	
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.	