



Human FREM1 blocking peptide (CDBP1287)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking peptide for anti-FREM1 antibody
Antigen Description	This gene encodes a basement membrane protein that may play a role in craniofacial and renal development. Mutations in this gene have been associated with bifid nose with or without anorectal and renal anomalies. Alternatively spliced transcript variants encoding different isoforms have been described. PubMed ID 19940113 describes one such variant that initiates transcription within a distinct, internal exon; the resulting shorter isoform (named Toll-like/interleukin-1 receptor regulator, TILRR) is suggested to be a co-receptor of the interleukin 1 receptor family and may regulate receptor function and Toll-like receptor/interleukin 1 receptor signal transduction, contributing to the control of inflammatory response activation.
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	200 µg/ml
Size	50 µg
Buffer	PBS containing 0.02% sodium azide
Preservative	0.02% Sodium Azide
Storage	Store at -20°C, stable for one year.

GENE INFORMATION

Gene Name	FREM1 FRAS1 related extracellular matrix 1 [Homo sapiens]
Official Symbol	FREM1
Synonyms	FREM1; FRAS1 related extracellular matrix 1; C9orf154, chromosome 9 open reading frame 154; FRAS1-related extracellular matrix protein 1; C9orf143; C9orf145; DKFZp686M16108; FLJ25461; TILRR; extracellular matrix protein QBRICK; BNAR; MOTA; TRIGNO2; C9orf154;
Entrez Gene ID	158326
mRNA Refseq	NM_001177704
Protein Refseq	NP_001171175
UniProt ID	Q5H8C1
Chromosome Location	9p22.3
Function	binding; metal ion binding; sugar binding;