



Anti-FREM2 (internal region) polyclonal antibody (DPAB-DC1659)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes an integral membrane protein containing numerous CSPG (chondroitin sulfate proteoglycan element) repeats and Calx-beta domains. The encoded protein localizes to the basement membrane, forming a ternary complex that plays a role in epidermal-dermal interactions. This protein is important for the integrity of skin and renal epithelia. Mutations in this gene are associated with Fraser syndrome.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human FREM2. The sequence is C-RLIRSEPTYNQPVQQ
Source/Host	Goat
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	ELISA,
Format	Liquid
Concentration	0.5 mg/mL
Size	100 µg
Buffer	In Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	FREM2 FRAS1 related extracellular matrix protein 2 [Homo sapiens (human)]
Official Symbol	FREM2
Synonyms	FREM2; FRAS1 related extracellular matrix protein 2; FRAS1-related extracellular matrix protein 2; ECM3 homolog;
Entrez Gene ID	341640
Protein Refseq	NP_997244
UniProt ID	Q5SZK8
Chromosome Location	13q13.3
Function	calcium ion binding;