Datasheet for ABIN1706527

anti-FREM1 antibody (AA 1201-1300) (Cy5.5)

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Overview

Quantity:	100 µL
Target:	FREM1
Binding Specificity:	AA 1201-1300
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FREM1 antibody is conjugated to Cy5.5
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FREM1
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Horse
Purification:	Purified by Protein A.

Target Details

Target:	FREM1
Alternative Name:	FREM1 (FREM1 Products)

Target Details

Background:	Synonyms: BC037594, BNAR, C9orf143, C9orf145, C9orf154, D430009N09, D630008K06, FLJ25461, FRAS1-related extracellular matrix protein 1, FREM 1, FREM1, FREM1_HUMAN, Heb, MOTA, Protein QBRICK, QBRICK, RGD1306981, RP11-265B7.2, RP23-410K19.1, TILRR. Background: FREM1 is a 2,179 amino acid protein that contains one C-type lectin domain, one Calx-beta domain and twelve CSPG repeats. Localized to the basement membrane of embryonic epidermal cells and secreted into extracellular space, FREM1 functions as an extracellular matrix protein that is essential for epidermal adhesion during embryogenesis and may also participate in epidermal differentiation. FREM1 exists as multiple alternatively spliced isoforms and is encoded by a gene which maps to human chromosome 9. Chromosome 9 contains 145 million base pairs and comprises 4 % of the human genome, encoding nearly 900 genes. Hereditary hemorrhagic telangiectasia, which is characterized by harmful vascular defects, and Familial dysautonomia, are both associated with chromosome 9. Notably, chromosome 9 encompasses the largest interferon family gene cluster.
Gene ID:	158326

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months