

Fibulin 7 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP55075

Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q53RD9
Reactivity	Rat, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	47376
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Fibulin 7
Epitope Specificity	351-439/439
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted, extracellular space, extracellular matrix.
SIMILARITY	Belongs to the fibulin family. Contains 2 EGF-like domains. Contains 1 Sushi (CCP/SCR) domain.
Post-translational modifications	N-glycosylated.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Fibulin-7 is a 439 amino acid extracellular matrix protein that belongs to the Fibulin family. Containing two EGF-like domains and one sushi (CCP/SCR) domain, Fibulin-7 exists as four alternatively spliced isoforms. Fibulin-7 is considered an adhesion protein that interacts with extracellular matrix molecules in developing teeth, and may be involved in differentiation and maintenance of odontoblasts as well as in dentin formation. Fibulin-7 is post-translationally glycosylated with N-linked oligosaccharides and interacts with heparin, fibronectin, fibulin-1 and DSP (dentin sialophosphoprotein). Fibulin-7 is encoded by a gene located on human chromosome 2, which consists of 237 million bases, encodes over 1,400 genes and makes up approximately 8% of the human genome.

Additional Information

Gene ID	129804
Other Names	Fibulin-7, FIBL-7, FBLN7, TM14
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce

Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
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Protein Information

Name	FBLN7
Synonyms	TM14
Function	An adhesion molecule that interacts with extracellular matrix molecules in developing teeth and may play important roles in differentiation and maintenance of odontoblasts as well as in dentin formation.
Cellular Location	Secreted, extracellular space, extracellular matrix

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.