



Rabbit Anti-Fibulin 7 antibody

SL13161R

Product Name:	Fibulin 7
Chinese Name:	纤连蛋白7抗体
Alias:	FBLN7; FBLN7_HUMAN; FIBL-7; Fibl7; Fibulin-7; TM14.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	45kDa
Cellular localization:	Extracellular matrixSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Fibulin 7:351-439/439
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. 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.
PubMed:	PubMed
Product Detail:	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.

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.

Subcellular Location:

Secreted, extracellular space, extracellular matrix.

Post-translational modifications:

N-glycosylated.

Similarity:

Belongs to the fibulin family.
Contains 2 EGF-like domains.
Contains 1 Sushi (CCP/SCR) domain.

SWISS:

Q53RD9

Gene ID:

129804

Database links:

[Entrez Gene: 129804](#)Human

[Omin: 611551](#)Human

[SwissProt: Q53RD9](#)Human

[Unigene: 437696](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.