Fibulin 3 Antibody

Catalog No: #24909

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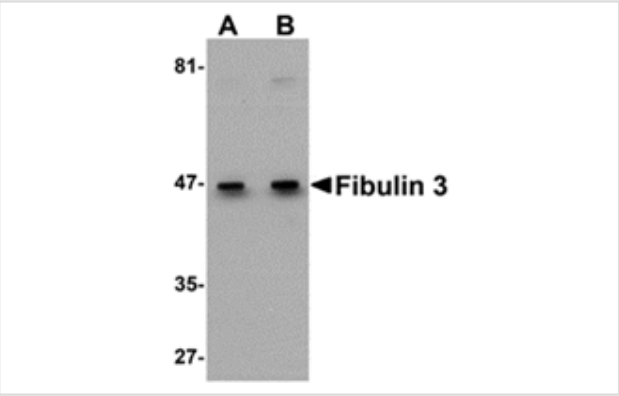
Description

Product Name	Fibulin 3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB ICC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide
Immunogen Description	Raised against a 19 amino acid peptide near the carboxy terminus of human Fibulin 3.
Target Name	Fibulin 3
Other Names	FBLN3, EGF-containing fibulin-like extracellular matrix protein 1, EFEMP1, DHRD, DRAD, FBNL, MLVT, MTLV, S1-5, FIBL-3
Accession No.	Swiss-Prot:Q12805Gene ID:2202
Uniprot	Q12805
GeneID	2202;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Images



Western blot analysis of Fibulin 3 in HeLa cell lysate with Fibulin 3 antibody at (A) 0.5 and (B) 1 ug/mL.

Immunocytochemistry of Fibulin 3 in HeLa cells with Fibulin 3 antibody at 20 ug/mL.

Background

Fibulin 3, also known as epidermal growth factor (EGF)-containing fibulin-like extracellular matrix protein 1 (EFEMP1), is a member of the fibulin family of extracellular glycoproteins, a group of proteins that are widely distributed and frequently associated with vascular and elastic tissues. The fibulin proteins typically contain a tandem array of EGF-like repeats and a fibulin-type COOH-terminal module. Aberrant accumulation of Fibulin 3 in the endoplasmic reticulum of retinal pigment epithelial cells has been shown to be associated with inherited forms of macular degeneration, but the loss of Fibulin 3 expression does not lead to macular degeneration but rather the appearance of hernias due to a reduction of elastic fibers of fascial connective tissue. Recent experiments have shown that expression of Fibulin 3 promotes tumor growth and may thus be a therapeutic target. At least three isoforms of Fibulin 3 are known to exist. This antibody is predicted to not cross-react with other Fibulin proteins.

Note: This product is for in vitro research use only