

Fibulin-3 Polyclonal Antibody

Catalog No: YT1708

Reactivity: Human; Mouse; Rat

Applications: WB;IHC;IF;ELISA

Target: Fibulin-3

Gene Name: EFEMP1

Protein Name: EGF-containing fibulin-like extracellular matrix protein 1

Q12805

Q8BPB5

Human Gene Id: 2202

Human Swiss Prot

No:

Mouse Gene ld: 216616

Mouse Swiss Prot

No:

Rat Swiss Prot No: 035568

Immunogen: The antiserum was produced against synthesized peptide derived from human

EFEMP1. AA range:111-160

Specificity: Fibulin-3 Polyclonal Antibody detects endogenous levels of Fibulin-3 protein.

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

1/3



Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 55kD

Background : This gene encodes a member of the fibulin family of extracellular matrix

glycoproteins. Like all members of this family, the encoded protein contains tandemly repeated epidermal growth factor-like repeats followed by a C-terminus fibulin-type domain. This gene is upregulated in malignant gliomas and may play a role in the aggressive nature of these tumors. Mutations in this gene are associated with Doyne honeycomb retinal dystrophy. Alternatively spliced transcript variants that encode the same protein have been described.[provided

by RefSeq, Nov 2009],

Function: alternative products:Experimental confirmation may be lacking for some

isoforms, disease: Defects in EFEMP1 are a cause of Doyne honeycomb retinal dystrophy (DHRD) [MIM:126600]; also known as malattia leventinese (MLVT OR ML). DHRD is an autosomal dominant disease characterized by yellow-white deposits known as drusen that accumulate beneath the retinal pigment

epithelium.,online information:Retina International's Scientific

Newsletter, similarity: Belongs to the fibulin family, similarity: Contains 6 EGF-like

domains.,

Subcellular Location:

Secreted, extracellular space. Secreted, extracellular space, extracellular matrix

. Localizes to the lamina propria underneath the olfactory epithelium. .

Expression: In the eye, associated with photoreceptor outer and inner segment regions, the

nerve fiber layer, outer nuclear layer and inner and outer plexiform layers of the

retina.

Sort : 6055

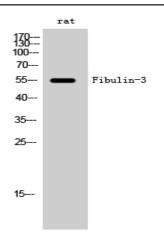
No4:

Host: Rabbit

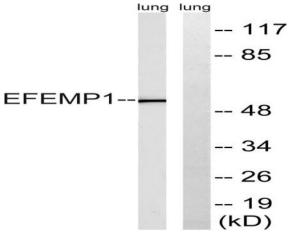
Modifications: Unmodified

Products Images

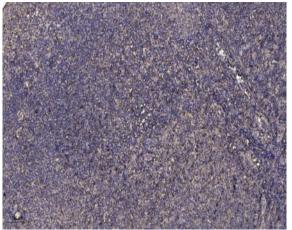
2/3



Western Blot analysis of rat cells using Fibulin-3 Polyclonal Antibody



Western blot analysis of lysates from rat lung, using EFEMP1 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).