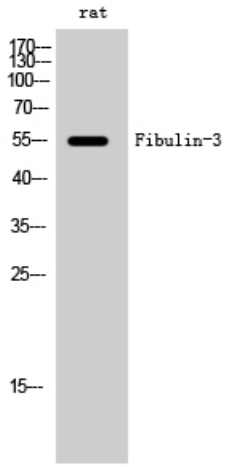
Fibulin-3 Polyclonal Antibody

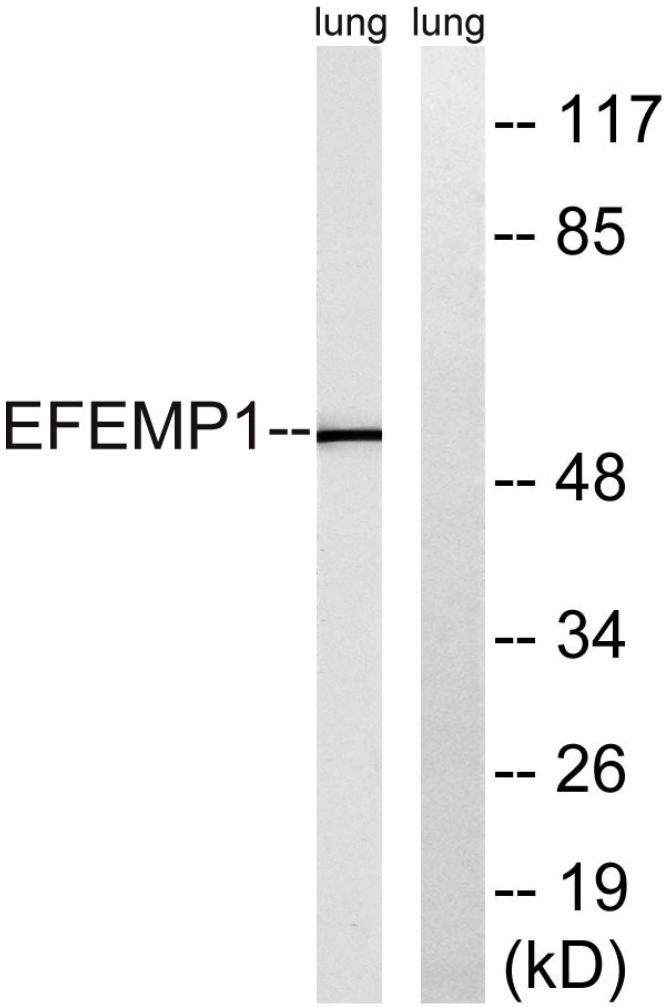
Catalog No	BYab-32597
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	EFEMP1
Protein Name	EGF-containing fibulin-like extracellular matrix protein 1
Immunogen	The antiserum was produced against synthesized peptide derived from human EFEMP1. AA range:111-160
Specificity	Fibulin-3 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
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EFEMP1; FBLN3; FBNL; EGF-containing fibulin-like extracellular matrix protein 1; Extracellular protein S1-5; Fibrillin-like protein; Fibulin-3; FIBL-3
Observed Band	55kD
Cell Pathway	Secreted, extracellular space . Secreted, extracellular space, extracellular matrix . Localizes to the lamina propria underneath the olfactory epithelium. .
Tissue Specificity	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.
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.,

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],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

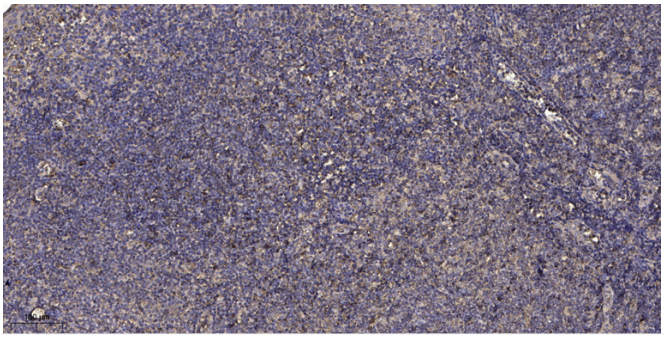
Products Images



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).