EFEMP2 Antibody

Catalog No: #34666

Package Size: #34666-1 50ul #34666-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	EFEMP2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC IF
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total EFEMP2 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human EFEMP2.
Target Name	EFEMP2
Other Names	EGF-containing fibulin-like extracellular matrix protein 2; FBLN4;
Accession No.	Swiss-Prot: O95967NCBI Gene ID: 30008
Uniprot	O95967
GeneID	30008;
SDS-PAGE MW	50kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

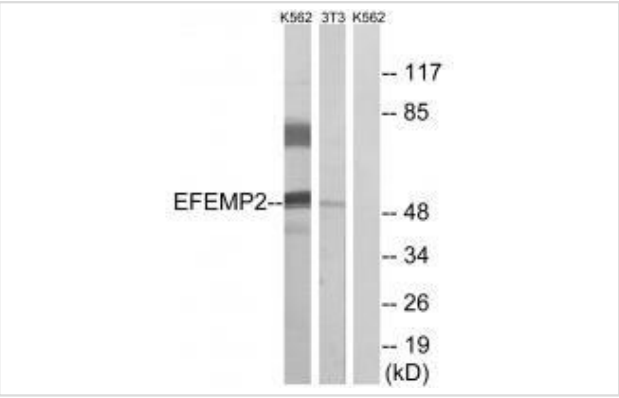
Application Details

Western blotting: 1:500~1:3000

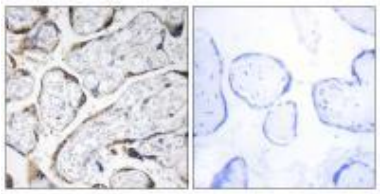
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:500

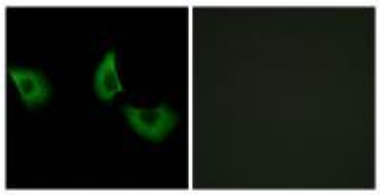
Images



Western blot analysis of extracts from K562 cells and 3T3 cells, using EFEMP2 antibody #34666.



Immunohistochemistry analysis of paraffin-embedded human placenta tissue using EFEMP2 antibody #34666.



Immunofluorescence analysis of A549 cells, using EFEMP2 antibody #34666.

Background

A large number of extracellular matrix proteins have been found to contain variations of the epidermal growth factor (EGF) domain and have been implicated in functions as diverse as blood coagulation, activation of complement and determination of cell fate during development. The protein encoded by this gene contains four EGF2 domains and six calcium-binding EGF2 domains. This gene is necessary for elastic fiber formation and connective tissue development. Defects in this gene are cause of an autosomal recessive cutis laxa syndrome. Alternatively spliced transcript variants have been identified for this gene.

Giltay R., Matrix Biol. 18:469-480(1999).
Zemel R., Submitted (SEP-1998) to the EMBL/GenBank/DDBJ databases.
Katsanis N., Hum. Genet. 106:66-72(2000).

Note: This product is for in vitro research use only