

## Rabbit anti-Human EFEMP2 Polyclonal Antibody | anti-EFEMP2 antibody

EFEMP2 Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                                       |
|-----------|--------|------------|------------------------------------------------------------------------------------|
| AAA321876 | Rabbit | Human      | ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

EFEMP2; Polyclonal Antibody; EFEMP2 Antibody; EFEMP 2; EGF containing fibulin like extracellular matrix protein 2; EGF-containing fibulin-like extracellular matrix protein 2; FBLN 4; FBLN4; FBLN4\_HUMAN; FIBL 4; FIBL-4; FIBL4; Fibulin 4; Fibulin-4; MBP 1; MBP1; Mutant p53 binding protein 1; Protein UPH1; UPH 1; UPH1; UPH1 protein; anti-EFEMP2 antibody

### PRODUCT SPECIFICATIONS

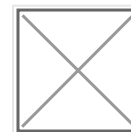
|                                                  |                                                                                                          |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                   |
| Reactivity                                       | Human                                                                                                    |
| Clonality                                        | Polyclonal                                                                                               |
| Isotype                                          | IgG                                                                                                      |
| Specificity                                      | EFEMP2 antibody detects endogenous levels of total EFEMP2                                                |
| Purity/Purification                              | The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.            |
| Form/Format                                      | Liquid<br>Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.            |
| Concentration                                    | 1mg/ml (varies by lot)                                                                                   |
| Sequence Length                                  | 443                                                                                                      |
| Applicable Applications for anti-EFEMP2 antibody | ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot) |
| Immunogen                                        | A synthesized peptide derived from human EFEMP2                                                          |
| Subcellular Location                             | Secreted.                                                                                                |
| Predicted Cross Reactivity                       | Horse                                                                                                    |
| Similarity                                       | Horse (88%)                                                                                              |
| Conjugation                                      | Unconjugated                                                                                             |
| Preparation and Storage                          | Store at -20 degree C. Stable for 12 months from date of receipt.                                        |

### IMAGES



#### WB (Western Blot)

Western blot analysis of EFEMP2 expression in 3T3 cells. The lane on the left is treated with the antigen-specific peptide.



#### IHC (Immunohistochemistry)

AAA321876 at 1/100 staining human brain tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



#### IF (Immunofluorescence)

AAA321876 staining HepG2 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

### ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-EFEMP2 antibody | <p>Description: Defects in EFEMP2 are a cause of cutis laxa autosomal recessive type 1 (ARCL1) [MIM:219100]. Hereditary cutis laxa refers to a heterogeneous group of connective tissue disorders characterized by cutaneous abnormalities and variable systemic manifestations. The most constant clinical feature is loose skin, sagging over the face and trunk.</p> <p>Subunit Structure: Interacts with FBN1 (via N-terminal domain) (PubMed:17255108).</p> <p>Similarity: Belongs to the fibulin family.</p> |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                            |
|----------------------------------|------------------------------------------------------------|
| NCBI GI #                        | 320118911                                                  |
| NCBI GeneID                      | 30008                                                      |
| NCBI Accession #                 | NP_058634.4                                                |
| NCBI GenBank Nucleotide #        | NM_016938.4                                                |
| UniProt Accession #              | O95967; O75967; A8K7R4; B3KM31; B3KQT1                     |
| Molecular Weight                 | Observed: 49 kDa<br>Predicted: 50 kDa                      |
| NCBI Official Full Name          | EGF-containing fibulin-like extracellular matrix protein 2 |
| NCBI Official Synonym Full Names | EGF containing fibulin extracellular matrix protein 2      |
| NCBI Official Symbol             | EFEMP2                                                     |
| NCBI Official Synonym Symbols    | MBP1; UPH1; FBLN4; ARCL1B                                  |
| NCBI Protein Information         | EGF-containing fibulin-like extracellular matrix protein 2 |
| UniProt Protein Name             | EGF-containing fibulin-like extracellular matrix protein 2 |
| UniProt Gene Name                | <b>EFEMP2</b>                                              |
| UniProt Synonym Gene Names       | FBLN4; FIBL-4                                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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