

**EFEMP1 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9095a****Specification**

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**EFEMP1 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q12805](#)**EFEMP1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 2202**Other Names**

EGF-containing fibulin-like extracellular matrix protein 1, Extracellular protein S1-5, Fibrillin-like protein, Fibulin-3, FIBL-3, EFEMP1, FBLN3, FBNL

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP9095a was selected from the N-term region of human EFEMP1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**EFEMP1 Antibody (N-term) Blocking Peptide - Protein Information****Name** EFEMP1**Synonyms** FBLN3, FBNL**Function**

Binds EGFR, the EGF receptor, inducing EGFR autophosphorylation and the activation of downstream signaling pathways. May play a role in cell adhesion and migration. May function as a negative regulator of chondrocyte differentiation. In the olfactory epithelium, it may regulate glial cell migration, differentiation and the ability of glial cells to support neuronal neurite outgrowth.

**Cellular Location**

Secreted, extracellular space. Secreted, extracellular space, extracellular matrix Note=Localizes to the lamina propria underneath the olfactory epithelium.

**Tissue Location**

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

### **EFEMP1 Antibody (N-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

### **EFEMP1 Antibody (N-term) Blocking Peptide - Images**

### **EFEMP1 Antibody (N-term) Blocking Peptide - Background**

EFEMP1 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.

### **EFEMP1 Antibody (N-term) Blocking Peptide - References**

Okada,Y., et.al., Hum. Mol. Genet. (2010) In pressWakabayashi,T., et.al., Biochem. Biophys. Res. Commun. 391 (1), 1116-1121 (2010)