



[Go to Product page](#)

Datasheet for ABIN5510647

## FBLN3 ELISA Kit

### 1 Image

#### Overview

Quantity: 96 tests

Target: FBLN3

Binding Specificity: AA 18-493

Reactivity: Human

Method Type: Sandwich ELISA

Application: ELISA

#### Product Details

Purpose: Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human Fibulin-3/EFEMP1

Brand: PicoKine™

Analytical Method: Quantitative

Detection Method: Colorimetric

Specificity: Expression system for standard: CHO  
Immunogen sequence: Q18-F493

Cross-Reactivity (Details): There is no detectable cross-reactivity with other relevant proteins.

Characteristics: 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. .

#### Target Details

Target: FBLN3

## Target Details

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Alternative Name: [EFEMP1 \(FBLN3 Products\)](#)

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Background: Protein 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. .

Background: EGF-containing fibulin-like extracellular matrix protein 1 is a protein that in humans is encoded by the EFEMP1 gene. 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 Doyme honeycomb retinal dystrophy. Alternatively spliced transcript variants that encode the same protein have been described.

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

Full Gene Name: EGF-containing fibulin-like extracellular matrix protein 1

Cellular Localisation: Secreted, extracellular space . Secreted, extracellular space, extracellular matrix . Localizes to the lamina propria underneath the olfactory epithelium..

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UniProt: [Q12805](#)

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Pathways: [EGFR Signaling Pathway](#)

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## Application Details

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Plate: Pre-coated

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Restrictions: For Research Use only

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## Handling

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Storage: 4 °C, -20 °C

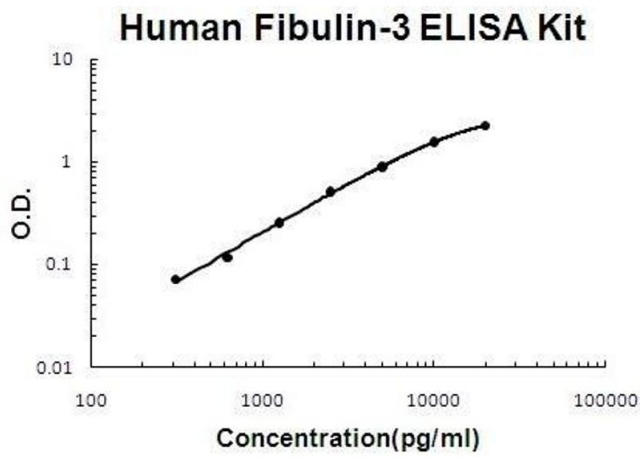
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Storage Comment: Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

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Expiry Date: 12 months

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#### ELISA

**Image 1.** Human Fibulin-3/EFEMP1 PicoKine ELISA Kit standard curve