



Rabbit Anti-FBN3/PE Conjugated antibody

SL16034R-PE

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| Product Name | Anti-FBN3/PE |
| Chinese Name | PE 标记的 FBN3 蛋白抗体 |
| Alias | Fibrillin 3; FBN3_HUMAN; KIAA1776. |
| Research Area | Cell biology Signal transduction Binding protein |
| Immunogen Species | Rabbit |
| Clonality | Polyclonal |
| React Species | (predicted:Human) ICC/IF=1:50-200,IF=1:100-500 |
| Applications | not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight | 297kDa |
| Form | Lyophilized or Liquid |
| Concentration | 1mg/ml |
| immunogen | KLH conjugated synthetic peptide derived from human FBN3 |
| Lsotype | IgG |
| Purification | affinity purified by Protein A |
| Storage Buffer | 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| Storage | |
| Product Detail | background: This gene encodes a protein that belongs to the fibrillin gene family. Fibrillins are extracellular matrix molecules that assemble into microfibrils in many connective tissues. This gene is most highly expressed in fetal tissues and its protein product is localized to extracellular microfibrils of developing skeletal elements, skin, lung, kidney, and skeletal muscle. This gene is potentially involved in Weill-Marchesani syndrome. While several transcript variants may exist for this gene, their full-length natures have not been described to date. [provided by RefSeq, Jul 2008] |

Function:

Fibrillins are structural components of 10-12 nm extracellular calcium-binding microfibrils, which occur either in association with elastin or in elastin-free bundles. Fibrillin-containing microfibrils provide long-term force bearing structural support.

Subcellular Location:

Secreted; extracellular space; extracellular matrix.

Tissue Specificity:

Predominantly expressed in connective tissues such as skeletal muscle, tendon, skin, perichondrium and periosteum. Highly expressed in fetal lung, brain, kidney. Expressed at low level in prostate, testis, mammary gland, uterus, ovary, placenta, bladder, adrenal gland, thyroid, fetal thymus, fetal liver, liver, fetal heart and heart.

Post-translational modifications:

Probably forms intermolecular disulfide bonds either with other FBN3 molecules or with other components of the microfibrils (By similarity).

Similarity:

Belongs to the fibrillin family.
Contains 44 EGF-like domains.
Contains 9 TB (TGF-beta binding) domains.

Database links:

[Entrez Gene: 84467](#) Human

[Omim: 608529](#) Human

[SwissProt: Q75N90](#) Human

[Unigene: 370362](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.