

FBN3 Rabbit pAb

CatalogNo: YT6743

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- IHC,IF

MW

- 309kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

IHC 1:50-200

IF 1:50-200

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human FBN3 AA range: 1311-1361

Specificity This antibody detects endogenous levels of FBN3 at Human

Target Information

Gene name FBN3 KIAA1776

Protein Name FBN3

Organism

Human

Gene ID

[84467](#);

UniProt ID

[Q75N90](#);

**Cellular
Localization**

Secreted, extracellular space, extracellular matrix .

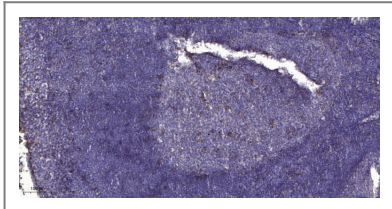
Tissue specificity

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.

Function

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.,PTM:Probably forms intermolecular disulfide bonds either with other FBN3 molecules or with other components of the microfibrils.,similarity:Belongs to the fibrillin family.,similarity:Contains 44 EGF-like domains.,similarity:Contains 9 TB (TGF-beta binding) domains.,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.,

| Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).

| Contact information

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