

**Fibrillin 2 Antibody (internal region, near the C-Term)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF2471a**

**Specification**

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**Fibrillin 2 Antibody (internal region, near the C-Term) - Product Information**

Application	E
Primary Accession	<a href="#">P35556</a>
Other Accession	<a href="#">NP_001990.2</a> , <a href="#">2201</a>
Predicted	Human, Dog, Cow
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	314775

**Fibrillin 2 Antibody (internal region, near the C-Term) - Additional Information**

**Gene ID** 2201

**Other Names**  
Fibrillin-2, FBN2

**Format**  
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**  
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**  
Fibrillin 2 Antibody (internal region, near the C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**Fibrillin 2 Antibody (internal region, near the C-Term) - Protein Information**

**Name** FBN2 {ECO:0000303|PubMed:32329225, ECO:0000312|HGNC:HGNC:3604}

**Function**  
[Fibrillin-2]: 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-2-containing microfibrils regulate the early process of elastic fiber assembly. Regulates osteoblast maturation by controlling TGF-beta bioavailability and calibrating TGF-beta and BMP levels, respectively.

**Cellular Location**  
Secreted. Note=Fibrillin-2 and Placensin chains are still linked together during the secretion from

cells, but are subsequently separated by furin [Placensin]: Secreted. Note=Secreted by placental cells

**Tissue Location**

Almost exclusively expressed in placenta (PubMed:32329225). Expressed at much lower level in other tissues (PubMed:32329225). Expressed in fetal eye (18 weeks) in the retinal pigment epithelium (RPE), the choroid, Bruch's membrane and in the sclera (PubMed:24899048). Not expressed in the neural retina (PubMed:24899048).

**Fibrillin 2 Antibody (internal region, near the C-Term) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Fibrillin 2 Antibody (internal region, near the C-Term) - Images****Fibrillin 2 Antibody (internal region, near the C-Term) - References**

Fibrillin-1 and fibrillin-2 in human embryonic and early fetal development. Quondamatteo F, Reinhardt DP, Charbonneau NL, Pophal G, Sakai LY, Herken R. Matrix Biol. 2002 Dec;21(8):637-46. PMID: 12524050