



# Goat anti-Human FBN1 polyclonal antibody (DPAB-DC952)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a member of the fibrillin family. The encoded protein is a large, extracellular matrix glycoprotein that serve as a structural component of 10-12 nm calcium-binding microfibrils. These microfibrils provide force bearing structural support in elastic and nonelastic connective tissue throughout the body. Mutations in this gene are associated with Marfan syndrome, isolated ectopia lentis, autosomal dominant Weill-Marchesani syndrome, MASS syndrome, and Shprintzen-Goldberg craniosynostosis syndrome.
<b>Immunogen</b>	A synthetic peptide corresponding to amino acids at internal region of human FBN1. The sequence is C-DASNIEDQSETEAN
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA,
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	In 0.5 mg/mL Tris saline, pH 7.3 (0.02% sodium azide, 0.5% BSA)
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">FBN1 fibrillin 1 [ Homo sapiens (human) ]</a>
Official Symbol	FBN1
Synonyms	FBN1; fibrillin 1; FBN; SGS; WMS; MASS; MFS1; OCTD; SSKS; WMS2; ACMICD; ECTOL1; GPHYSD2; fibrillin-1; fibrillin 15;
Entrez Gene ID	<a href="#">2200</a>
Protein Refseq	<a href="#">NP_000129</a>
UniProt ID	<a href="#">P35555</a>
Chromosome Location	15q21.1
Pathway	Elastic fibre formation; Integrin cell surface interactions;
Function	calcium ion binding; extracellular matrix structural constituent; protein binding;