

Rabbit anti-Mouse, Rat FBN1 Polyclonal Antibody | anti-FBN1 antibody

FBN1 Rabbit pAb

CATALOG # AAA281678	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
-------------------------------	-----------------------	---------------------------------	---

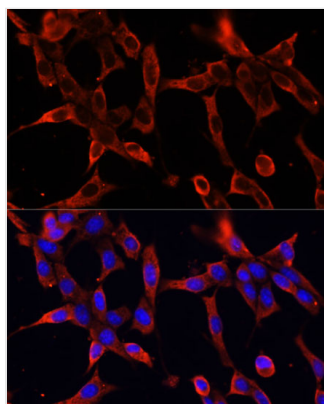
PRODUCT SYNONYMS

FBN1; Polyclonal Antibody; FBN1 Rabbit pAb; ACMICD; ECTOL1; FBN; GPHYSD2; MASS; MFLS; MFS1; OCTD; SGS; SSKS; WMS; WMS2; anti-FBN1 antibody

PRODUCT SPECIFICATIONS

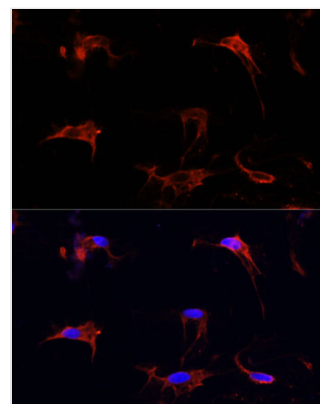
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Sequence	CDAGRCWSPG VTVAPEMCPI RATEDFNKLC SVPMVIPGRP EYPPPLGPI PPVLPVPPGF PPGPQIPVPR PPVEYLYPSR EPPRVLPVNV TDYQQLVRYL C
Applicable Applications for anti-FBN1 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 360-460 of human FBN1 (NP_000129.3).
Positive Samples	Rat pancreas
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



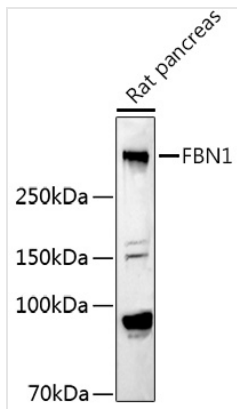
IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using FBN1 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using FBN1 Polyclonal Antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of Rat pancreas, using FBN1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-FBN1 antibody	Background: This gene encodes a member of the fibrillin family of proteins. The encoded preproprotein is proteolytically processed to generate two proteins including the extracellular matrix component fibrillin-1 and the protein hormone asprosin. Fibrillin-1 is an extracellular matrix glycoprotein that serves as a structural component of calcium-binding microfibrils. These microfibrils provide force-bearing structural support in elastic and nonelastic connective tissue throughout the body. Asprosin, secreted by white adipose tissue, has been shown to regulate glucose homeostasis. Mutations in this gene are associated with Marfan syndrome and the related MASS phenotype, as well as ectopia lentis syndrome, Weill-Marchesani syndrome, Shprintzen-Goldberg syndrome and neonatal progeroid syndrome.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	281485550
NCBI GeneID	2200
NCBI Accession #	NP_000129.3
NCBI GenBank Nucleotide #	NM_000138.4
UniProt Accession #	P35555; Q15972; Q75N87; B2RUU0; D2JYH6
Molecular Weight	312,237 Da
NCBI Official Full Name	fibrillin-1
NCBI Official Synonym Full Names	fibrillin 1
NCBI Official Symbol	FBN1
NCBI Official Synonym Symbols	FBN; SGS; WMS; MASS; MFS1; OCTD; SSKS; WMS2; ACMICD; ECTOL1; GPHYSD2
NCBI Protein Information	fibrillin-1; fibrillin 15
UniProt Protein Name	Fibrillin-1
UniProt Gene Name	FBN1
UniProt Synonym Gene Names	FBN
UniProt Entry Name	FBN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

