

Rabbit anti-Human FNDC5 Polyclonal Antibody | anti-FNDC5 antibody

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CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA244117	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

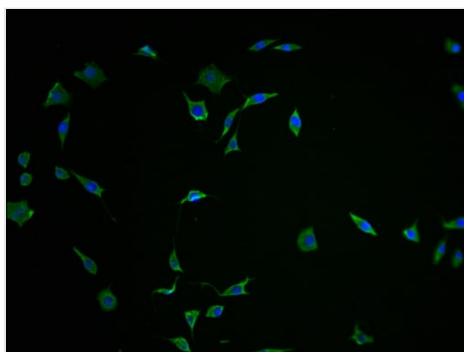
PRODUCT SYNONYMS

FNDC5; Polyclonal Antibody; Rabbit anti-Human FNDC5 Polyclonal Antibody; Fibronectin type III domain-containing protein 5 (Fibronectin type III repeat-containing protein 2) [Cleaved into: Irisin]; FRCP2; FNDC5 Antibody; anti-FNDC5 antibody

PRODUCT SPECIFICATIONS

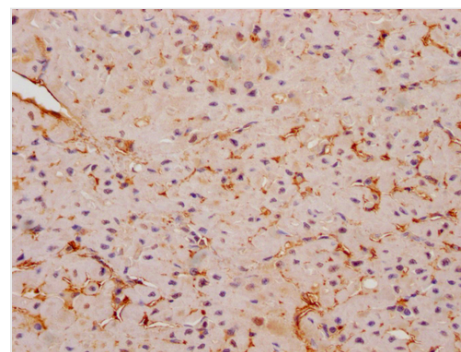
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid. Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH7.4
Applicable Applications for anti-FNDC5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human Fibronectin type III domain-containing protein 5 protein (113-127aa)
Conjugation	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of SH-SY5Y cells with -IF at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemistry)

IHC image of diluted at 1:200 and staining in paraffin-embedded human skeletal muscle tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.



IHC (Immunohistochemistry)

IHC image of diluted at 1:200 and staining in paraffin-embedded human heart tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.

ADDITIONAL INFORMATION

Related Product Information for anti-FNDC5 antibody	Irisin: Contrary to mouse, may not be involved in the beneficial effects of muscular exercise, nor in the induction of browning of human white adipose tissue.
Product Categories/Family for anti-FNDC5 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	511093995
NCBI GeneID	252995
NCBI Accession #	NP_001165411.2
NCBI GenBank Nucleotide #	NM_001171940.1
UniProt Accession #	Q8NAU1 ; Q6P6D9 ; Q7Z676 ; A6NMC9 ; D3DPQ6
Molecular Weight	15,527 Da
NCBI Official Full Name	fibronectin type III domain-containing protein 5 isoform 3 preproprotein
NCBI Official Synonym Full Names	fibronectin type III domain containing 5
NCBI Official Symbol	FNDC5
NCBI Official Synonym Symbols	FRCP2; irisin
NCBI Protein Information	fibronectin type III domain-containing protein 5; fibronectin type III repeat-containing protein 2
UniProt Protein Name	Fibronectin type III domain-containing protein 5
UniProt Gene Name	FNDC5
UniProt Synonym Gene Names	FRCP2
UniProt Entry Name	FNDC5_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.

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 Online datasheet: <https://www.aaabiotech.com/polyclonal/fndc5-antibody-immunofluorescence-immunohistochemistry-elisa/244117>