ARG66990
anti-FNDC5 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes FNDC5
Tested Reactivity	Hu, Ms
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	FNDC5
Species	Human
Immunogen	Synthetic peptide within the extracellular domain of Human FNDC5.
Conjugation	Un-conjugated
Alternate Names	irisin; FRCP2; Fibronectin type III domain-containing protein 5; Fibronectin type III repeat-containing protein 2

Application Instructions

Application table

Application	Dilution
IHC-P	1:300 - 1:600
WB	1:500 - 1:2000

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Observed Size: 20-25 kDa

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	100 mM Tris Glycine (pH 7.0), 0.025% ProClin 300 and 20% Glycerol.
Preservative	0.025% ProClin 300
Stabilizer	20% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	FNDC5
Gene Full Name	fibronectin type III domain containing 5
Background	This gene encodes a secreted protein that is released from muscle cells during exercise. The encoded protein may participate in the development of brown fat. Translation of the precursor protein initiates at a non-AUG start codon at a position that is conserved as an AUG start codon in other organisms. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2013]
Function	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. [UniProt]
Calculated Mw	23 kDa
PTM	The extracellular domain is cleaved and released from the cell membrane. N-Glycosylated. [UniProt]
Cellular Localization	Cell membrane. [UniProt]