

Anti-FNDC5 Rabbit Monoclonal Antibody

Catalog # ABO15290

Product Information

Application	WB
Primary Accession	Q8NAU1
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-FNDC5 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

Additional Information

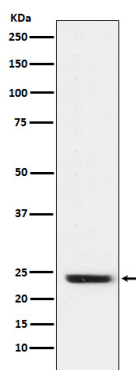
Gene ID	252995
Other Names	Fibronectin type III domain-containing protein 5, Fibronectin type III repeat-containing protein 2, Irisin, FNDC5, FRCP2
Calculated MW	28283
Application Details	WB 1:500-1:2000
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 18F66
Immunogen	A synthesized peptide derived from human FNDC5
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	FNDC5
Synonyms	FRCP2
Function	[Irisin]: Mediates beneficial effects of muscular exercise. Induces browning of white adipose tissue by stimulating UCP1 expression, at least in part, via the nuclear receptor PPARA.

Cellular Location	[Fibronectin type III domain-containing protein 5]: Cell membrane; Single-pass membrane protein. Peroxisome membrane {ECO:0000250 UniProtKB:Q8K4Z2}; Single-pass membrane protein. Note=Imported into peroxisomes through the PEX5 receptor pathway. {ECO:0000250 UniProtKB:Q8K4Z2}
Tissue Location	Widely expressed, with highest levels in heart. Very low expression, if any, in colon, pancreas and spleen

Images



Western blot analysis of FNDC5 expression in Rat muscle cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.