

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

Irisin (human) polyclonal antibody

CATALOG # AAA77055	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunoprecipitation, ELISA
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PRODUCT SYNONYMS

Irisin; Polyclonal Antibody; Irisin (human) polyclonal antibody; anti-FNDC5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Protein A affinity purified and immuno depleted
Form/Format	Liquid. In PBS containing 50% glycerol and 0.09% sodium azide
Applicable Applications for anti-FNDC5 antibody	WB (Western Blot), IP (Immunoprecipitation), ELISA
Source Note	Purified from rabbit serum
Immunogen	Recombinant human Irisin (active)
Preparation and Storage	Long term Storage: -20°C. Short Term : -20°C . Avoid freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-FNDC5 antibody	Irisin is a hormone that is involved in converting white adipose tissue into brown adipose tissue after physical exercise. It is formed after the membrane bound protein fibronectin type III domain containing protein 5 (FNDC5) is cleaved resulting in a secreted protein. FNDC5 is found in muscle tissue and is activated during physical exertion via the protein PGC1a. Soluble Irisin has also been shown to up regulate UCP-1 gene expression in mice. UCP-1 is a mitochondrial transporter protein and a marker of brown adipose tissue conversion. This suggests that Irisin plays an important role in energy regulation and furthermore may lead to improvements in glucose regulation, insulin sensitivity, hypertension, and obesity.
Product Categories/Family for anti-FNDC5 antibody	Cellular Analysis; Metabolism; Cell Growth & Development

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/irisin-antibody-western-blot-immunoprecipitation-elisa/77055>