

# FNDC5 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP8746b

## Product Information

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<b>Application</b>	WB, FC, E
<b>Primary Accession</b>	<a href="#">Q8NAU1</a>
<b>Other Accession</b>	<a href="#">Q8K3V5</a> , <a href="#">Q8K4Z2</a> , <a href="#">Q1L867</a>
<b>Reactivity</b>	Human
<b>Predicted</b>	Zebrafish, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB44027
<b>Calculated MW</b>	28283
<b>Antigen Region</b>	159-185

## Additional Information

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<b>Gene ID</b>	252995
<b>Other Names</b>	Fibronectin type III domain-containing protein 5, Fibronectin type III repeat-containing protein 2, Irisin, FNDC5, FRCP2
<b>Target/Specificity</b>	This FNDC5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 159-185 amino acids from the C-terminal region of human FNDC5.
<b>Dilution</b>	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	FNDC5 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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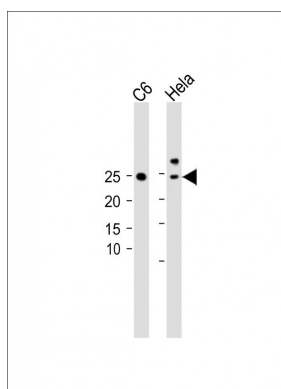
<b>Name</b>	FNDC5
<b>Synonyms</b>	FRCP2

<b>Function</b>	[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.
<b>Cellular Location</b>	[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}
<b>Tissue Location</b>	Widely expressed, with highest levels in heart. Very low expression, if any, in colon, pancreas and spleen

## References

Teufel,A., et.al., Gene 297 (1-2), 79-83 (2002)

## Images



All lanes: Anti-FNDC5 Antibody (C-term) at 1:1000 dilution  
 Lane 1: C6 whole cell lysate Lane 2: HeLa whole cell lysate  
 Lysates/proteins at 20 µg per lane. Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size: 24 KDa  
 Blocking/Dilution buffer: 5% NFDM/TBST.

## Citations

- [Irisin: Still chasing shadows](#)
- [Browning of subcutaneous fat and higher surface temperature in response to phenotype selection for advanced endurance exercise performance in male DUhTP mice.](#)
- [The role of sex, adiposity, and gonadectomy in the regulation of irisin secretion.](#)

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