

**FNDC5 Antibody**  
**Rabbit mAb**  
**Catalog # AP91721****Specification**

---

**FNDC5 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q8NAU1</a>
Reactivity	Rat
Clonality	Monoclonal
<b>Other Names</b>	
FNDC 5; FRCP2; irisin;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	23659 Da

**FNDC5 Antibody - Additional Information**

Dilution	WB~~1:1000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human FNDC5
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**FNDC5 Antibody - 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}

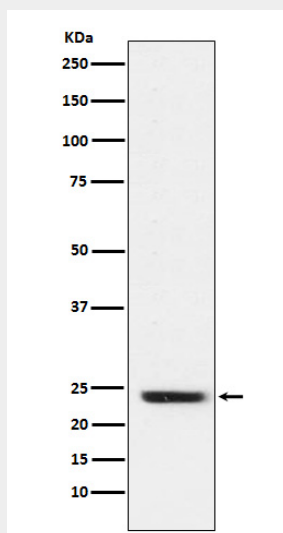
**Tissue Location**

Widely expressed, with highest levels in heart. Very low expression, if any, in colon, pancreas and spleen

**FNDC5 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**FNDC5 Antibody - Images**

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