

**Anti-FNDC5 Rabbit Monoclonal Antibody**  
**Catalog # ABO15290****Specification**

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**Anti-FNDC5 Rabbit Monoclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q8NAU1</a>
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.

**Anti-FNDC5 Rabbit Monoclonal Antibody - 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**

23 kDa KDa

**Application Details**

WB 1:500-1:2000

**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.

**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.**

**Anti-FNDC5 Rabbit Monoclonal 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}

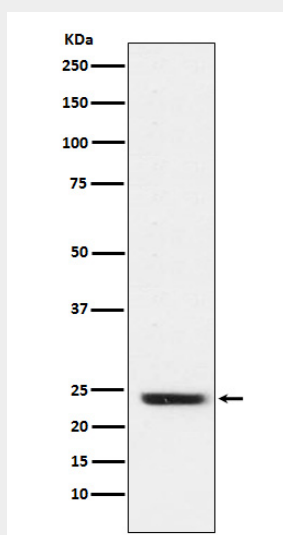
**Tissue Location**

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

**Anti-FNDC5 Rabbit Monoclonal 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](#)

**Anti-FNDC5 Rabbit Monoclonal Antibody - Images**

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