

**FNDC5 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP8746b**

**Specification**

---

**FNDC5 Antibody (C-term) - Product Information**

Application	WB, FC,E
Primary Accession	<a href="#">O8NAU1</a>
Other Accession	<a href="#">O8K3V5</a> , <a href="#">O8K4Z2</a> , <a href="#">O1L867</a>
Reactivity	Human
Predicted	Zebrafish, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	159-185

**FNDC5 Antibody (C-term) - Additional Information**

**Gene ID** 252995

**Other Names**

Fibronectin type III domain-containing protein 5, Fibronectin type III repeat-containing protein 2, Irisin, FNDC5, FRCP2

**Target/Specificity**

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.

**Dilution**

WB~~1:1000  
FC~~1:10~50

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

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.

**Precautions**

FNDC5 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**FNDC5 Antibody (C-term) - Protein Information**

**Name** FNDC5

## Synonyms FRCP2

**Function** [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.

## Cellular Location

Cell membrane; Single-pass type I membrane protein Peroxisome membrane; Single-pass type I membrane protein. Note=Imported in peroxisomes through the PEX5 receptor pathway.

## Tissue Location

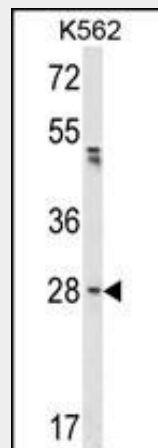
Widely expressed, with highest levels in heart. Very low expression, if any, in colon, pancreas and spleen

## FNDC5 Antibody (C-term) - Protocols

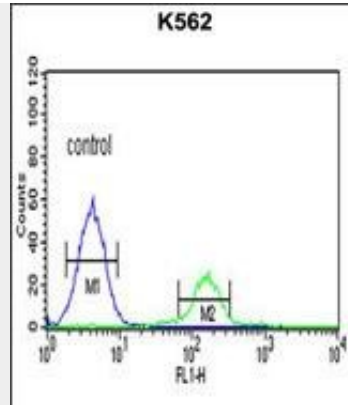
Provided below are standard protocols that you may find useful for product applications.

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

## FNDC5 Antibody (C-term) - Images



Western blot analysis of FNDC5 Antibody (C-term) (Cat. #AP8746b) in K562 cell line lysates (35ug/lane). FNDC5 (arrow) was detected using the purified Pab.



FNDC5 Antibody (C-term) (Cat. #AP8746b) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **FNDC5 Antibody (C-term) - References**

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

#### **FNDC5 Antibody (C-term) - 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.](#)