

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	Q8NAU1
Other Accession	Q8K3V5 , Q8K4Z2 , Q1L867
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

E~~Use at an assay dependent concentration.

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]: 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}

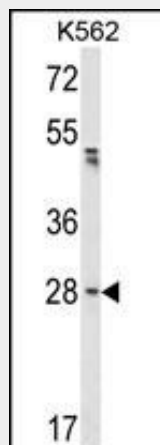
Tissue Location

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

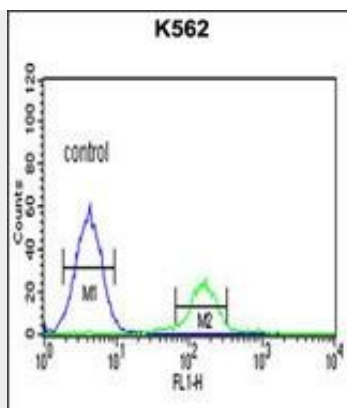
FNDC5 Antibody (C-term) - Protocols

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.](#)