

**FNDC5 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8746b****Specification**

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**FNDC5 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q8NAU1](#)**FNDC5 Antibody (C-term) Blocking Peptide - 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**

The synthetic peptide sequence used to generate the antibody [BP8746b](#) was selected from the C-term region of human FNDC5. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**FNDC5 Antibody (C-term) Blocking Peptide - 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) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **FNDC5 Antibody (C-term) Blocking Peptide - Images**

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

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