

## ARG58793 anti-FNDC5 antibody

Package: 50 µg  
Store at: -20°C

### Summary

|                     |   |
|---------------------|---|
| Product Description | Rabbit Polyclonal antibody recognizes FNDC5   |
| Tested Reactivity   | Ms, Rat   |
| Predict Reactivity  | Hu  |
| Tested Application  | WB  |
| Host                | Rabbit  |
| Clonality           | Polyclonal  |
| Isotype             | IgG   |
| Target Name         | FNDC5   |
| Species             | Human   |
| Immunogen           | Recombinant protein corresponding to D32-E143 of Human FNDC5.   |
| Conjugation         | Un-conjugated   |
| Alternate Names     | irisin; FRCP2; Fibronectin type III domain-containing protein 5; Fibronectin type III repeat-containing protein 2 |

### Application Instructions

|                   |  |                 |
|-------------------|--|-----------------|
| Application table | Application  | Dilution        |
|                   | WB   | 0.1 - 0.5 µg/ml |
| Application Note  | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. |                 |

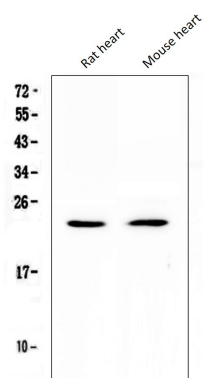
### Properties

|                     |  |
|---------------------|--|
| Form                | Liquid   |
| Purification        | Affinity purification with immunogen.  |
| Buffer              | 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.05% Sodium azide and 4% Trehalose.  |
| Preservative        | 0.05% Sodium azide   |
| Stabilizer          | 4% Trehalose   |
| Concentration       | 0.5 mg/ml  |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note                | For laboratory research only, not for drug, diagnostic or other use.   |

Bioinformation

|                       |  |
|-----------------------|--|
| Gene Symbol           | FNDC5  |
| Gene Full Name        | fibronectin type III domain containing 5   |
| Background            | This gene encodes a secreted protein that is released from muscle cells during exercise. The encoded protein may participate in the development of brown fat. Translation of the precursor protein initiates at a non-AUG start codon at a position that is conserved as an AUG start codon in other organisms. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2013] |
| 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. [UniProt]   |
| Calculated Mw         | 23 kDa   |
| PTM                   | The extracellular domain is cleaved and released from the cell membrane.<br><br>N-Glycosylated. [UniProt]  |
| Cellular Localization | Cell membrane. [UniProt]   |

Images



ARG58793 anti-FNDC5 antibody WB image

Western blot: 50 µg of samples under reducing conditions. Rat heart and Mouse heart lysates stained with ARG58793 anti-FNDC5 antibody at 0.5 µg/mL, overnight at 4°C.