

## Datasheet for ABIN1169431 **anti-FNDC5 antibody (Biotin)**



[Go to Product page](#)

### Overview

|              |   |
|--------------|---|
| Quantity:    | 100 µg                                      |
| Target:      | FNDC5                                       |
| Reactivity:  | Human, Mouse, Rat, Monkey                   |
| Host:        | Rabbit                                      |
| Clonality:   | Polyclonal                                  |
| Conjugate:   | This FNDC5 antibody is conjugated to Biotin |
| Application: | Western Blotting (WB), ELISA                |

### Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | Recombinant irisin.  |
| Specificity:      | Recognizes human, mouse, rat, monkey Irisin and FNDC5. Detects endogenous mouse and human Irisin [Lit: 1-2]. |
| Cross-Reactivity: | Human, Monkey, Mouse (Murine), Rat (Rattus)  |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | FNDC5   |
| Alternative Name: | Irisin ( <a href="#">FNDC5 Products</a> )   |
| Background:       | <p>Irisin is a recently described exercise-induced hormone secreted by skeletal muscle in mice and humans. Irisin activates beige fat cells (beige cells have a gene expression pattern distinct from either white or brown fat and are preferentially sensitive to the polypeptide hormone Irisin).</p> <p>Irisin is cleaved from the type I membrane protein FNDC5 and improves systemic metabolism</p> |

## Target Details

by increasing energy expenditure.

UniProt: [Q8NAU1](#)

Pathways: [Hormone Activity](#), [Brown Fat Cell Differentiation](#), [Positive Regulation of fat Cell Differentiation](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: In PBS containing 10 % glycerol and 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C  
Long Term Storage: -20°C  
Stable for at least 1 year after receipt when stored at -20°C.

Expiry Date: 12 months