

Irisin Antibody

ALTERNATE NAMES: Fibronectin Type III Domain-containing Protein 5 (cleaved);
Fibronectin Type III Repeat-containing Protein 2 (cleaved);
FNDC5 (cleaved)

CATALOG #: 6635-50

AMOUNT: 50 µg

HOST: Rabbit

ISOTYPE: IgG

IMMUNOGEN: Recombinant Irisin

PURIFICATION: Epitope affinity purified

MOLECULAR WEIGHT: ~ 12 kDa

FORM: Liquid

FORMULATION: 1 mg/ml in PBS containing 10% glycerol and 0.02% sodium azide.

SPECIES REACTIVITY: Human, Mouse, Rat, Monkey

STORAGE CONDITIONS: Store at -20°C in aliquots. Avoid repeated freeze/thaw cycles.

DESCRIPTION: 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). Irisin is cleaved from the type I membrane protein FNDC5 and improves systemic metabolism by increasing energy expenditure.

SPECIFICITY: Cross-reacts with human, mouse, rat and monkey samples.

APPLICATION: Western Blot - 1: 1000 dilution

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.

RELATED PRODUCTS:

- Irisin Competitive ELISA Kit (**Cat. No. K4761-100**)
- Irisin, human recombinant (**Cat. No. 7263-10, -50**)

FOR RESEARCH USE ONLY. Not to be used on humans.