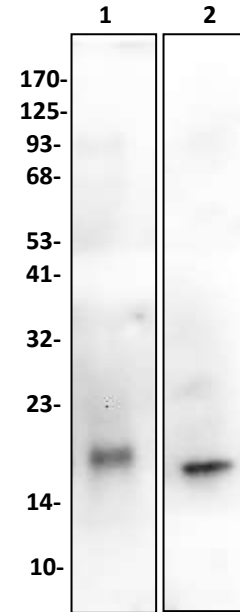


## Anti-Irisin Antibody

<b>CATALOG NO:</b>	A1459-30T 30 µg (Trial size) A1459-100 100 µg
<b>ALTERNATIVE NAMES:</b>	Fibronectin Type III Domain-containing Protein 5, FNDC5 (cleaved); Fibronectin Type III Repeat-containing Protein 2, FRCP2 (cleaved).
<b>CONCENTRATION:</b>	0.5 mg/ml
<b>IMMUNOGEN:</b>	Human recombinant Irisin (Cat. No. 7852)
<b>INTERNAL ID:</b>	BV-Q18
<b>HOST/ISOTYPE:</b>	Rabbit IgG
<b>PURIFICATION:</b>	Affinity purified rabbit IgG
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	In PBS pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.03% proclin
<b>SPECIES REACTIVITY:</b>	Human, Mouse and Rat
<b>STORAGE CONDITIONS:</b>	Store at -20°C. Avoid repeated freeze/thaw cycles.
<b>DESCRIPTION:</b>	Irisin is a recently discovered exercise-induced myokine, which is secreted by skeletal muscles and produced by cleavage of the FNDC5. Studies show that Irisin stimulates mitochondria uncoupling protein-1 (UCP-1; a regulator of thermogenic capability of brown fat) expression, so Irisin can upregulate white to brown fat conversion and improve systemic metabolism by increasing energy expenditure. Hence, Irisin is a potential new drug target in the study of metabolic disorders, such as obesity and type 2 diabetes mellitus (T2DM). Moreover, FNDC5-like receptors are conserved in vertebrates and critical for neuronal development.
<b>APPLICATION:</b>	Western blot: 1-4 µg

**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, Active, human recombinant (Cat. No. 7852)

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