Irisin (human) polyclonal antibody

Irisin is a hormone that is involved in converting white adipose tissue into brown adipose tissue after physical exercise. It is formed after the membrane bound protein fibronectin type III domain containing protein 5 (FNDC5) is cleaved resulting in a secreted protein. FNDC5 is found in muscle tissue and is activated during physical exertion via the protein PGC1a. Soluble Irisin has also been shown to up regulate UCP-1 gene expression in mice. UCP-1 is a mitochondrial transporter protein and a marker of brown adipose tissue conversion. This suggests that Irisin plays an important role in energy regulation and furthermore may lead to improvements in glucose regulation, insulin sensitivity, hypertension, and obesity.

This antibody is covered by our Worry-Free Guarantee.

Ordering Information

Order Online »

ENZ-ABS256-0100	100µg

Manuals, SDS & CofA

View Online »

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Short Term Storage	-20°C
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	FNDC5, Fibronectin type III domain-containing protein 5, FRCP2, Fibronectin type III repeat-containing protein 3
Application	ELISA, IP, WB
Formulation	Liquid. In PBS containing 50% glycerol and 0.09% sodium azide.
Host	Rabbit
Immunogen	Recombinant human Irisin (active).
Positive Control	ADI-908-307
Purity Detail	Protein A affinity purified and immunodepleted.
Source	Purified from rabbit serum.
Species Reactivity	Human
UniProt ID	Q8NAU1
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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