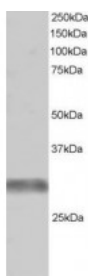


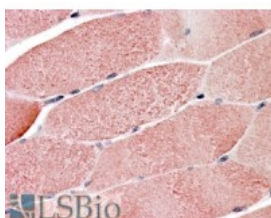


## GNIP Antibody

CATALOG NUMBER: 45-684



Western Blot (1ug/ml) staining of Human Skeletal Muscle lysate (RIPA buffer, 30ug total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



Immunohistochemistry (3.8ug/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, IHC-P, WB
<b>APPLICATIONS:</b>	ELISA: antibody detection limit dilution 1:32000. Western Blot: Approx 25-30kDa band observed in Human Skeletal Muscle lysate (predicted MW of 25kDa according to NP_203128). Recommended for use at 1ug/ml. Immunohistochemistry: In paraffin embedded Human Skeletal Muscle shows pixelate staining in the fibres. Recommended concentration, 3-6ug/ml.
<b>POSITIVE CONTROL:</b>	1) Cat. No. 1375 - Human Skeletal Muscle Tissue Lysate
<b>IMMUNOGEN:</b>	GNIP antibody was raised against a 13 amino acid synthetic peptide near the C-Terminus of GNIP.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	GNIP antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	GNIP antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	TRIM7, GNIP1, RNF90, tripartite motif-containing 7, tripartite motif protein TRIM7, glycogenin-interacting protein 1, GNIP
<b>ACCESSION NO.:</b>	NP_203128
<b>PROTEIN GI NO.:</b>	16076875

**OFFICIAL SYMBOL:** TRIM7

**GENE ID:** 81786

### Background

**REFERENCES:** 1) Skurat AV, Dietrich AD, Zhai L, Roach PJ. GNIP, a novel protein that binds and activates glycogenin, the self-glucosylating initiator of glycogen biosynthesis. J Biol Chem. 2002 May 31;277(22):19331-8.

**FOR RESEARCH USE ONLY**

December 13, 2016