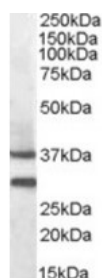




MC5R Antibody

CATALOG NUMBER: 42-031



Western blot analysis of MC5R in mouse skeletal muscle lysate (35 ug protein in RIPA buffer) using MC5R Antibody at 0.3 ug/mL.

Specifications

SPECIES REACTIVITY:	Human, Mouse
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:8000. Western Blot: Approximately 37 kDa band observed in human and mouse skeletal muscle lysates (calculated MW of 36.6 kDa according to NP_005904.1). Recommended concentration: 0.3-1 ug/mL. an additional band of unknown identity was also consistently observed at 30 kDa . This band was successfully blocked by incubation with the immunizing peptide.
POSITIVE CONTROL:	1) Cat. No. 1407 - Mouse Skeletal Muscle Tissue Lysate
IMMUNOGEN:	MC5R antibody was raised against a 12 amino acid synthetic peptide near the N-Terminus (near) of MC5R (near).
HOST SPECIES:	Goat

Properties

PURIFICATION:	MC5R antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	MC5R antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20°C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	MC5R N: melanocortin 5 receptor, MC2
ACCESSION NO.:	NP_005904.1
PROTEIN GI NO.:	5174535
OFFICIAL SYMBOL:	MC5R

GENE ID: 4161

Background

REFERENCES: 1) Grieco P, Cai M, Han G, Trivedi D, Campiglia P, Novellino E, Hruby VJ. Further structure-activity studies of lactam derivatives of MT-II and SHU-9119: their activity and selectivity at human melanocortin receptors 3, 4, and 5. Peptides. 2007 Jun;28(6):1191-6. Epub 2007 Mar 1.

FOR RESEARCH USE ONLY

December 13, 2016