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Research Use Only. Not for diagnostic or therapeutic use.

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

EB06718-T - Goat Anti-Adiponectin Receptor 1 Antibody - Trial

Size: 20µg specific antibody in 40µl



Target Protein

Principal Names: TESBP1A, FLJ42464, FLJ25385, CGI45, CGI-45 protein, PAQR1, CGI-45, ACDCR1, HGNC:24040, ADIPOR1, adiponectin receptor 1

Official Symbol: ADIPOR1

Accession Number(s): NP_057083.2; NP_001121159.1

Human GeneID(s): [51094](#)

Important Comments: Variants (NP_057083.2; NP_001121159.1) encode the same protein.

Immunogen

Peptide with sequence RYGLEGGCTDDTLL, from the C Terminus of the protein sequence according to NP_057083.2; NP_001121159.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 38kDa band observed in Human Skeletal Muscle lysates (calculated MW of 42.6kDa according to NP_057083.2). Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Pig, Dog, Cow

Specific Reference

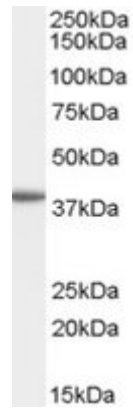
The goat polyclonal antibody used in this paper was manufactured by us:

Thrush AB, Heigenhauser GJ, Mullen KL, Wright DC, Dyck DJ.

Palmitate acutely induces insulin resistance in isolated muscle from obese but not lean humans.

Am J Physiol Regul Integr Comp Physiol. 2008 Apr;294(4):R1205-12.

PMID: 18305020



EB06718 (0.1 μ g/ml) staining of Human Muscle lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.