



Goat anti-AS160 / TBC1D4 Antibody

Item Number	dAP-0998
Target Molecule	Principle Name: AS160 / TBC1D4; Official Symbol: TBC1D4; All Names and Symbols: TBC1D4; AS160; TBC1 domain family, member 4 ; RP11-159J2.1; DKFZp779C0666 ; Acrg embryonic lethality (mouse) minimal region ortholog; OTTHUMP00000040818; TBC (Tre-2, BUB2, CDC16) domain-containing protein; KIAA0603; Accession Number (s): NP_055647.2; Human Gene ID(s): 9882; Non-Human GeneID(s):
Immunogen	DDPEKIEERKKSK, is from internal region
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 128000.
Western Blot	Western Blot: Approx 150kDa band observed in lysates of cell lines Daudi and MOLT4 (calculated MW of 147kDa according to NP_055647.2). Recommended concentration: 0.1-0.3µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Skeletal Muscle shows striated pattern staining of majority of muscular fibres. Recommended concentration, 3-5µg/ml.
Reference	Reference(s): Karlsson HK, Zierath JR, Kane S, Krook A, Lienhard GE, Wallberg-Henriksson H. Insulin-stimulated phosphorylation of the Akt substrate AS160 is impaired in skeletal muscle of type 2 diabetic subjects. Diabetes. 2005 Jun;54(6):1692-7. .PMID: 15919790 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**