

Goat anti-APOBEC2 (aa180 - 190) Antibody

Item Number	dAP-1462
Target Molecule	Principle Name: APOBEC2 (aa180 - 190); Official Symbol: APOBEC2 ; All Names and Symbols: APO-BEC2 ; apolipoprotein B mRNA editing enzyme, catalytic polypeptide-like 2 ; ARCD1; ARP1; OT-THUMP00000039773; apolipoprotein B mRNA editing enzyme, catalytic polypeptide 2; Accession Number (s): NP_006780.1; Human Gene ID(s): 10930; Non-Human GeneID(s): 11811 (mouse) 301226 (rat)
Immunogen	KPQDFEYVWQN, is from internal region
Applications	Pep ELISA, WB 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 26kDa band observed in Human Skeletal Muscle lysates (calculated MW of 25.7kDa according to NP_006780.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Prochnow C, Bransteitter R, Klein MG, Goodman MF, Chen XS. The APOBEC-2 crystal structure and functional implications for the deaminase AID. Nature. 2007 Jan 25;445(7126):447-51. Epub 2006 Dec 24..PMID: 17187054 ->

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**