

Goat anti-AKT2 Antibody

Item Number	dAP-2580
Target Molecule	Principle Name: AKT2; Official Symbol: AKT2; All Names and Symbols: AKT2; v-akt murine thymoma viral oncogene homolog 2 ; HGNC:392; PKBBETA; PRKBB; RAC-BETA ; Murine thymoma viral (v-akt) homolog -2; rac protein kinase beta; Accession Number (s): NP_001617.1; Human Gene ID(s): 208; Non-Human GenelD(s):
Immunogen	RYDSLGLLELDQRT, is from C Terminus
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 16000.
Western Blot	Western Blot: Approx 60kDa band observed in Human Skeletal Muscle lysates (calculated MW of 55.8kDa according to NP_001617.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Otieno CJ, Bastiaansen J, Ramos AM, Rothschild MF. Mapping and association studies of diabetes related genes in the pig. Anim Genet. 2005 Feb;36(1):36-42. .PMID: 15670129 ->

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**