

Goat anti-AKAP10 / D-AKAP2 Antibody

Item Number	dAP-0411
Target Molecule	Principle Name: AKAP10 / D-AKAP2; Official Symbol: AKAP10; All Names and Symbols: AKAP10; PRKA10; D-AKAP2; MGC:9414; A kinase (PRKA) anchor protein 10; dual specificity A-Kinase anchoring protein 2; A-kinase anchor protein 10; dual-specificity A-kinase anchoring protein 2; mitochondrial A kinase PPKA anchor protein 10; protein kinase A; Accession Number (s): NP_009133.2; Human Gene ID(s): 11216; Non-Human GeneID(s): 56697 (mouse)
Immunogen	AQYDQPLEKSTKL, 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 65kDa band observed in Human Testis lysate (Calculated MW of 73.8kDa according to NP_009133.2) Recommended concentration: 0.3-1.0ug/ml
IHC	
Reference	Reference(s): Huang LJ, Durick K, Weiner JA, Chun J, Taylor SS. D-AKAP2, a novel protein kinase A anchoring protein with a putative RGS domain. Proc Natl Acad Sci U S A. 1997 Oct 14;94(21):11184-9.. PMID: 9326583 ->

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 end users! This product is sold for **Research Use Only**