



Goat anti-AKAP12 (mouse) Antibody

Item Number	dAP-2402
Target Molecule	Principle Name: AKAP12 (mouse); Official Symbol: Akap12; All Names and Symbols: Akap12; A kinase (PRKA) anchor protein (gravin) 12; AI317366; SSeCKS; Srcs5; Tsga12; A-kinase anchor protein 12; AKAP-12; gercelin; germ cell lineage protein gercelin; src-suppressed C kinase substrate; testis specific gene A12; v-src suppressed transcri; Accession Number (s): NP_112462.1; Human Gene ID(s) ; Non-Human GeneID(s): 83397 (mouse) 83425 (rat)
Immunogen	SPDTNGPKLTEEGD, is from internal region This antibody is expected to recognize isoform 1 (NP_005091.2) only.
Applications	Pep ELISA Species Tested:
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 4000.
Western Blot	Western Blot: Preliminary experiments in lysates of cell lines NIH3T3 and of Mouse and Rat Brain and Testis gave no specific signal but low background (at antibody concentration up to 2µg/ml). We would appreciate any feedback from people in the field - h
IHC	
Reference	Reference(s): Jo UH, Whang YM, Sung JS, Kim YH. Methylation of AKAP12{alpha} promoter in lung cancer. Anticancer Res. 2010 Nov;30(11):4595-600..PMID: 21115911->

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**