

Goat anti-AKAP10 Antibody

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| Item Number | dAP-1496 |
| Target Molecule | Principle Name: AKAP10; Official Symbol: AKAP10; All Names and Symbols: AKAP10; A kinase (PRKA) anchor protein 10; D-AKAP2; MGC9414; PRKA10; A-kinase anchor protein 10; dual-specificity A-kinase anchoring protein 2; mitochondrial A kinase PPKA anchor protein 10; protein kinase A anchoring protein 10; Accession Number (s): NP_009133.2; Human Gene ID(s): 11216; Non-Human GeneID(s): 56697 (mouse) 360540 (rat) |
| Immunogen | RKVKGKEQEKTSD, is from internal region |
| Applications | Pep ELISA, WB Species Tested: Rat |
| 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 64000. |
| Western Blot | Western Blot: Approx. 74kDa band observed in Rat Brain lysates (calculated MW of 73.8kDa according to Human NP_009133.2 and according to Rat NP_001108078.1). Recommended concentration: 0.3-1µg/ml. |
| IHC | |
| Reference | Reference(s): Burns-Hamuro LL, Barraclough DM, Taylor SS. Identification and functional analysis of dual-specific A kinase-anchoring protein-2. Methods Enzymol. 2004;390:354-74.PMID: 15488188-> |

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**