

## Goat anti-PDE11A Antibody

|                        |  |
|------------------------|--|
| <b>Item Number</b>     | dAP-1141   |
| <b>Target Molecule</b> | Principle Name: PDE11A; Official Symbol: PDE11A; All Names and Symbols: PDE11A; phosphodiesterase 11A ; FLJ23693; MGC133355; MGC133356; PPNAD2 ; cAMP and cGMP cyclic nucleotide phosphodiesterase 11A; cyclic nucleotide phosphodiesterase 11A; dual 3',5'-cyclic-AMP and -GMP phosphodiesterase 11A; Accession Number (s): NP_058649.3 ; NP_001070665.1; NP_001070826.1; NP_001070664.1; Human Gene ID(s): 50940; Non-Human GenelD(s): 241489 (mouse) 140928 (rat) |
| <b>Immunogen</b>       | NSFKESMEKSSYSD, is from internal region<br>This antibody is expected to recognise all four reported isoforms (NP_058649.3 ; NP_001070665.1; NP_001070826.1; NP_001070664.1).   |
| <b>Applications</b>    | Pep ELISA, WB, IHC<br><br>Species Tested: Human  |
| <b>Purification</b>    | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.  |
| <b>Supplied As</b>     | 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.<br>Aliquot and store at -20°C. Minimize freezing and thawing.   |
| <b>Peptide ELISA</b>   | Peptide ELISA: antibody detection limit dilution 1 to 2000.  |
| <b>Western Blot</b>    | Western Blot: Approx 60-65kDa band observed in Human Skeletal Muscle and Human Prostate lysates (calculated MW of 65.7kDa according to NP_001070826.1). Recommended concentration: 0.5-1.5µg/ml.   |
| <b>IHC</b>             | Immunohistochemistry: Paraffin embedded Human Prostate. Recommended concentration: 10µg/ml.  |
| <b>Reference</b>       | Reference(s): Horvath A, Boikos S, Giatzakis C, Robinson-White A, Groussin L, Griffin KJ, Stein E, Levine E, Delimpasi G, Hsiao HP, Keil M, Heyerdahl S, Matyakhina L, Libe R, Fratticci A, Kirschner LS, Cramer K, Gaillard RC, Bertagna X, Carney JA, Bertherat J, Bossis I A genome-wide scan identifies mutations in the   |

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**