

## Goat anti-TRPC4AP Antibody

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| <b>Item Number</b>     | dAP-1839   |
| <b>Target Molecule</b> | Principle Name: TRPC4AP; Official Symbol: TRPC4AP; All Names and Symbols: TRPC4AP; transient receptor potential cation channel, subfamily C, member 4 associated protein; C20orf188; TRRP4AP; TRUSS; TRP4-associated protein; TRPC4-associated protein; short transient receptor potential channel 4 associated protein; tumor necrosis ; Accession Number (s): NP_056453.1; NP_955400.1; Human Gene ID (s): 26133; Non-Human GeneID(s): |
| <b>Immunogen</b>       | KLTQETTYPNTYIFD , is from internal region<br>This antibody is expected to recognize both reported isoforms (NP_955400.1; NP_056453.1).   |
| <b>Applications</b>    | Pep ELISA, WB<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 4000.  |
| <b>Western Blot</b>    | Western Blot: Approx 85kDa band observed in lysates of cell line U937 (calculated MW of 90.0kDa according to human NP_056453.1). Recommended concentration: 1-3µg/ml.  |
| <b>IHC</b>             |  |
| <b>Reference</b>       | Reference(s): Poduslo SE, Huang R, Huang J, Smith S. Genome screen of late-onset Alzheimer's extended pedigrees identifies TRPC4AP by haplotype analysis. Am J Med Genet B Neuropsychiatr Genet. 2009 Jan 5;150B(1):50-5..PMID: 18449908->   |

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**