

## Goat anti-TRPC1 Antibody

Item Number	dAP-3507
Target Molecule	Principle Name: TRPC1; Official Symbol: TRPC1; All Names and Symbols: TRPC1; transient receptor potential cation channel, subfamily C, member 1; HTRP-1; MGC133334; MGC133335; TRP1; transient receptor potential channel 1; Accession Number (s): NP_003295.1; NP_001238774.1; Human Gene ID(s): 7220; Non-Human GeneID(s):
Immunogen	I, is from internal region
Applications	Pep ELISA, IF, FC, IHC 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 32000.
Western Blot	
IHC	Immunohistochemistry: Paraffin embedded Human Prostate and Brain (Cortex). Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Xu SZ, Sukumar P, Zeng F, Li J, Jairaman A, English A, Naylor J, Ciurtin C, Majeed Y, Milligan CJ, Bahnasi YM, Al-Shawaf E, Porter KE, Jiang LH, Emery P, Sivaprasadarao A, Beech DJ TRPC channel activation by extracellular thioredoxin. <i>Nature</i> . 2008 Jan 3;451(7174):69-72. PMID: 18172497-8

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**