

Goat anti-TRPC6 Antibody

Item Number	dAP-0711
Target Molecule	Principle Name: TRPC6; Official Symbol: TRPC6; All Names and Symbols: TRPC6; transient receptor potential cation channel, subfamily C, member 6; HGNC:12338; TRP6; transient receptor potential channel 6; FLJ11098; FLJ14863; FSGS2; TRP6; Accession Number (s): NP_004612.2; Human Gene ID(s): 7225; Non-Human GeneID(s):
Immunogen	EKLSMEPNQEETN, is from C Terminus
Applications	Pep ELISA, FC Species Tested: Mouse
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 2000.
Western Blot	Western Blot: Preliminary experiments gave an approx 80kDa band in Human Spleen and Testis lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated siz
IHC	
Reference	Reference(s): Winn MP, Conlon PJ, Lynn KL, Farrington MK, Creazzo T, Hawkins AF, Daskalakis N, Kwan SY, Ebersviller S, Burchette JL, Pericak-Vance MA, Howell DN, Vance JM, Rosenberg PB. A mutation in the TRPC6 cation channel causes familial focal segmental glomerulosclerosis. Science. 2005 Jun 17;308

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**