ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Goat anti-Trpc6 (mouse) Antibody

Item Number	dAP-2645
Target Molecule	Principle Name: Trpc6 (mouse); Official Symbol: Trpc6; All Names and Symbols: Trpc6; transient receptor potential cation channel, subfamily C, member 6; AV025995; LLHWJM002; LLHWJM003; LLHWJM004; TRP-6; Trrp6; mtrp6; calcium entry channel; short transient receptor potential channel 6; transient receptor protein 6; Accession Number (s): NP_038866.2; Human Gene ID(s): ; Non-Human GeneID(s): 22068 (mouse) 89823 (rat)
Immunogen	KQSSTRSSEDYHLNS, is from internal region
Applications	Pep ELISA, 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; Reconsititute 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: Preliminary experiments gave an approx 75kDa band in Mouse and Rat Brain and Spinal Cord lysates after 0.3µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the
IHC	Immunohistochemistry: Paraffin embedded Human Colon. Recommended concentration: 5µg/ml.
Reference	Reference(s): Graham S, Gorin Y, Abboud HE, Ding M, Lee DY, Shi H, Ding Y, Ma R. Abundance of TRPC6 protein in glomerular mesangial cells is decreased by ROS and PKC in diabetes. Am J Physiol Cell Physiol. 2011 Aug;301(2):C304-15..PMID: 21525431->

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

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