

Goat anti-TRPV2 Antibody

Item Number	dAP-1754
Target Molecule	Principle Name: TRPV2; Official Symbol: TRPV2; All Names and Symbols: TRPV2; transient receptor potential cation channel, subfamily V, member 2; MGC12549; VRL; VRL-1; VRL1; vanilloid receptor-like protein 1; Accession Number (s): NP_057197.2; Human Gene ID(s): 51393; Non-Human GenelD(s):
Immunogen	PKEDEDGASEENY, is from C Terminus
Applications	Pep ELISA Species Tested:
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 16000.
Western Blot	Western Blot: Preliminary experiments in Human Brain (Cerebellum, Cerebral cortex, Hippocampus) lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have
IHC	
Reference	Reference(s): Saunders CI, Kunde DA, Crawford A, Geraghty DP. Expression of transient receptor potential vanilloid 1 (TRPV1) and 2 (TRPV2) in human peripheral blood. Mol Immunol. 2007 Feb;44(6):1429-35. Epub 2006 Jun 14.. PMID: 16777226->

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**