GOAT ANTI-CACNA1G ANTIBODY

SKU: EB09647

SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 μg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	NBR13|MGC117234|Cav3.1|Ca(V)T.1|calcium channel, voltage-dependent, T type, alpha 1G subunit|CACNA1G
Accession ID	NP_061496.2, NP_938192.1, NP_938194.1, NP_938198.1, NP_938199.1, NP_938200.1, NP_938407.1
Blocking Peptide	EBP09647
Immunogen	Peptide with sequence C-AEEISKREDASGQLS, from the internal region of the protein sequence according to NP_061496.2, NP_938192.1, NP_938194.1, NP_938198.1, NP_938199.1, NP_938200.1, NP_938407.1.
Product Comments	This antibody is expected to recognize isoform 1 (NP_061496.2), 4 (NP_938199.1), 5 (NP_938194.1), 8 (NP_938198.1), 9 (NP_938192.1), 10 (NP_938200.1) and isoform 15 (NP_938407.1).
Peptide Sequence	C-AEEISKREDASGQLS
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Rat, Dog, Cow
Human Gene ID	8913
Rat Gene ID	29717
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:32000.
Western Blot	Preliminary experiments in Human Brain 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 any results been reported with other antibodies/lysates?

| Application Type | Pep-ELISA |

DOCUMENTS

- Data Sheet