

Goat anti-ASIC1 Antibody

Item Number	dAP-3206
Target Molecule	Principle Name: ASIC1; Official Symbol: ASIC1; All Names and Symbols: ASIC1; acid-sensing (proton-gated) ion channel 1; ACCN2; ASIC; BNaC2; Cation channel, amiloride-sensitive, neuronal, 2; acid-sensing ion channel 1; acid-sensing ion channel 1a protein; amiloride-sensitive cation channel 2, neuronal; brain sodium channel 2; Accession Number (s): NP_064423.2; NP_001086.2; NP_001243759.1; Human Gene ID(s): 41; Non-Human GeneID(s): 11419 (mouse) 79123 (rat)
Immunogen	NILPHHPARGT, is from C Terminus This antibody is expected to recognize all reported isoforms (NP_064423.2; NP_001086.2; NP_001243759.1).
Applications	Pep ELISA, WB 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 128000.
Western Blot	Western Blot: Approx 70kDa band observed in Mouse fetal Brain lysates (calculated MW of 64.8kDa according to NP_064423.2). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Hoagland EN, Sherwood TW, Lee KG, Walker CJ, Askwith CC. Identification of a calcium permeable human acid-sensing ion channel 1 transcript variant. The Journal of biological chemistry 2010 Dec 285 (53): 41852-62..PMID: 21036899->

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**