

Goat anti-NHERF2 (isoform b, e) Antibody

Item Number	dAP-0697
Target Molecule	Principle Name: NHERF2 (isoform b, e); Official Symbol: SLC9A3R2; All Names and Symbols: SLC9A3R2; solute carrier family 9 (sodium/hydrogen exchanger), isoform 3 regulator 2; HGNC:11076; E3KARP; NHE3RF2; NHERF-2; NHERF2; OCTS2; SIP-1; SIP1; TKA-1; sodium/hydrogen exchanger; solute carrier family 9 (sodium/hydrogen exchanger), isoform 3 regula; Accession Number (s): NP_004776.3; NP_001239005.1; Human Gene ID(s): 9351; Non-Human GeneID(s):
Immunogen	DLPGSDKDTEESGLH, is from internal region This antibody is expected to recognize isoforms b and e (NP_004776.3 and NP_001239005.1) only.
Applications	Pep ELISA, WB 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; 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 32000.
Western Blot	Western Blot: Approx 35kDa band observed in lysates of cell lines HEK293 and Daudi (calculated MW of 36.2kDa according to NP_004776.3). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Cha B, Kim JH, Hut H, Hogema BM, Nadarja J, Zizak M, Cavet M, Lee-Kwon W, Lohmann SM, Smolenski A, Tse CM, Yun C, de Jonge HR, Donowitz M. cGMP inhibition of Na ⁺ /H ⁺ antiporter 3 (NHE3) requires PDZ domain adapter NHERF2, a broad specificity protein kinase G-anchoring protein. J

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**