

Goat anti-CLCA1 (aa872-884) Antibody

Item Number	dAP-1610
Target Molecule	Principle Name: CLCA1 (aa872-884); Official Symbol: CLCA1; All Names and Symbols: CLCA1; chloride channel, calcium activated, family member 1; CaCC;; Accession Number (s): NP_001276.2; Human Gene ID(s): 1179; Non-Human GeneID(s):
Immunogen	PETPSPDETSAPC, is from internal region
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 64000.
Western Blot	Western Blot: Approx. 100kDa band observed in Human Kidney and Lung lysates (calculated MW of 100kDa according to NP_001276.2). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Jeulin C, Guadagnini R, Marano F. Oxidant stress stimulates Ca ²⁺ -activated chloride channels in the apical activated membrane of cultured nonciliated human nasal epithelial cells. Am J Physiol Lung Cell Mol Physiol. 2005 Oct;289(4):L636-46..PMID: 16148052->

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**