

## Goat anti-CLCA1 Antibody

Item Number	dAP-0672
Target Molecule	Principle Name: CLCA1; Official Symbol: CLCA1; All Names and Symbols: CLCA1; chloride channel, calcium activated, family member 1 ; HGNC:2015; CaCC; calcium activated chloride channel 1; Accession Number (s): NP_001276.1; Human Gene ID(s): 1179; Non-Human GeneID(s):
Immunogen	TVTSKTNKDTSK, is from internal region No cross-reactivity expected with CLCA2 and 3.
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 16000.
Western Blot	Western Blot: Experiments gave bands at approx 80kDa and 30kDa in Human Duodenum lysates. These bands correspond to earlier findings in literature with different antibodies (Gruber et al, Genomics. 1998 Dec 1;54(2):200-14.). This protein has a calculated
IHC	
Reference	Reference(s): Malerba G, Pignatti PF. A review of asthma genetics: gene expression studies and recent candidates. J Appl Genet. 2005;46(1):93-104. Review. PMID: 15741670 ->

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**