

Goat anti-CLIC1 / NCC27 (aa45-57) Antibody

Item Number	dAP-3045
Target Molecule	Principle Name: CLIC1 / NCC27 (aa45-57); Official Symbol: CLIC1; All Names and Symbols: CLIC1; chloride intracellular channel 1; G6; NCC27; RNCC protein; chloride channel ABP; chloride intracellular channel protein 1; hRNCC; nuclear chloride ion channel 27; nuclear chloride ion channel protein; p64CLCP; regulatory nuclear chloride ion channel; Accession Number (s): NP_001279.2; Human Gene ID(s): 1192; Non-Human GeneID(s): 114584 (mouse) 406864 (rat)
Immunogen	TVDTKRRTEVQK, 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 4000.
Western Blot	Western Blot: Approx 30kDa band observed in lysates of cell line U937 (calculated MW of 26.9kDa according to NP_001279.2). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Goodchild SC, Angstmann CN, Breit SN, Curmi PM, Brown LJ. Transmembrane extension and oligomerization of the CLIC1 chloride intracellular channel protein upon membrane interaction. Biochemistry 2011 Dec 50 (50): 10887-97..PMID: 22082111->

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**