

Goat anti-CLIC4 Antibody

Item Number	dAP-1143
Target Molecule	Principle Name: CLIC4; Official Symbol: CLIC4; All Names and Symbols: CLIC4; chloride intracellular channel 4; CLIC4L; DKFZP566G223; FLJ38640; H1; huH1; p64H1 ; chloride intracellular channel 4 like; Accession Number (s): NP_039234.1; Human Gene ID(s): 25932; Non-Human GenelD(s): 29876 (mouse) 83718 (rat)
Immunogen	NGLKEEDKEPLIE, is from N Terminus
Applications	Pep ELISA, WB, IHC, IF Species Tested: Human, 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 64000.
Western Blot	Western Blot: Approx 30kDa band observed in Human Kidney and Placenta lysates (calculated MW of 28.8kDa according to NP_039234.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Edwards et al, Am J
IHC	Immunohistochemistry: Paraffin embedded Human Heart. Recommended concentration: 5µg/ml.
Reference	Reference(s): Suh KS, Crutchley JM, Koochek A, Ryscavage A, Bhat K, Tanaka T, Oshima A, Fitzgerald P, Yuspa SH. Reciprocal modifications of CLIC4 in tumor epithelium and stroma mark malignant progression of multiple human cancers. Clin Cancer Res. 2007 Jan 1;13(1):121-31. .PMID: 17200346 ->

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**