

Goat anti-CDH1 (aa662-675) Antibody

Item Number	dAP-2550
Target Molecule	Principle Name: CDH1 (aa662-675); Official Symbol: CDH1; All Names and Symbols: CDH1; cadherin 1, type 1, E-cadherin (epithelial); Arc-1; CD324; CDHE; ECAD; LCAM; UVO; CAM 120/80; E-Cadherin; cadherin 1, E-cadherin (epithelial); cadherin-1; calcium-dependent adhesion protein, epithelial; cell-CAM 120/80; epithelial cadherin; uvomorul; Accession Number (s): NP_004351.1; Human Gene ID(s): 999; Non-Human GeneID(s): 83502 (rat)
Immunogen	DYKINLKLMDNQNPK, is from internal region The immunizing peptide represents part of the extracellular domain.
Applications	Pep ELISA, WB Species Tested: Human, Mouse, Rat, Pig
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: Approx 85kDa band observed in Human Kidney lysates and in Pig Colon, Kidney and Lung lysates and ~90kDa in Mouse and Rat Lung lysates (calculated MW of 97.5kDa according to NP_004351.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Yamauchi C, Fujii S, Kimura T, Kuwata T, Wada N, Mukai H, Matsumoto N, Fukayama M, Ochiai A. E-cadherin expression on human carcinoma cell affects trastuzumab-mediated antibody-dependent cellular cytotoxicity through killer cell lectin-like receptor G1 on natural killer cells. <i>Int J Cancer</i> .

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 end users! This product is sold for **Research Use Only**