

## Goat anti-CDH1 (aa662-675) Antibody

<b>Item Number</b>	dAP-2550
<b>Target Molecule</b>	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)
<b>Immunogen</b>	DYKINLKLMNQNK, is from internal region The immunizing peptide represents part of the extracellular domain.
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human, Mouse, Rat, Pig
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 16000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	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. Int J Cancer.

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**