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Research Use Only. Not for diagnostic or therapeutic use.

EB11206 - Goat Anti-CDH1 (aa662-675) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Arc-1, cadherin 1, E-cadherin (epithelial), cadherin 1, type 1,

E-cadherin (epithelial), cadherin-1, calcium-dependent adhesion protein, epithelial, CAM 120/80, CD324, CDHE, cell-CAM 120/80, ECAD, E-Cadherin, epithelial cadherin, LCAM,

UVO, uvomorulin, CDH1
Official Symbol: CDH1

Accession Number(s): NP_004351.1

Human GenelD(s): 999

Non-Human GenelD(s): 83502 (rat)

Important Comments: The immunizing peptide represents part of the extracellular

domain.

Immunogen

Peptide with sequence C-DYKINLKLMDNQNK, from the internal region of the protein sequence according to NP_004351.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

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. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Thyroid. Recommended concentration: 5µg/ml.

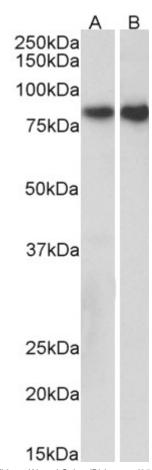
Species Reactivity

Tested: Human, Mouse, Rat, Pig

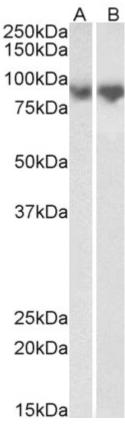
Expected from sequence similarity: Human, Rat, Dog, Pig



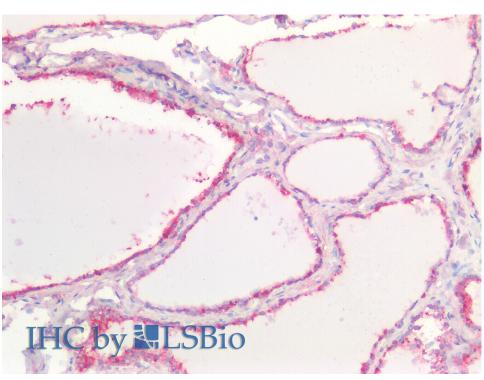
EB11206 (0.5µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB11206 (0.3μg/ml) staining of Pig Kidney (A) and Colon (B) lysates (35μg protein in RIPA buffer). Detected by chemiluminescence.



EB11206 (0.3 μ g/ml) staining of Mouse Lung (A) and Rat Lung (B) lysates (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB11206 ($5\mu g/ml$) staining of paraffin embedded Human Thyroid. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.