Goat anti-CDH13 / H-cadherin Antibody

Item Number	dAP-3302
Target Molecule	Principle Name: CDH13 / H-cadherin; Official Symbol: CDH13; All Names and Symbols: CDH13; cadherin 13, H-cadherin (heart); CDHH; P105; H-cadherin; T-cad; T-cadherin; cadherin-13; heart cadherin; Accession Number (s): NP_001248.1; NP_001207417.1; NP_001207418.1; Human Gene ID(s): 1012; Non-Human GeneID(s):
Immunogen	DSDRPERSKFRLTGK, is from internal region The immunizing peptide represents the N terminus of the mature protein. This antibody is expected to recognize isoform 1, 2 and 3 (NP_001248.1; NP_001207417.1; NP_001207418.1).
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; Reconsititute 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 110kDa band observed in Human Heart lysates and 85kDa in Human Brain (Amygdala and Hippocampus) lysates (calculated MW of 78.3kDa according to NP_001248.1). The observed molecular weights correspond to the glycosylated forms. Recomme
IHC	
Reference	Reference(s): Fava C, Danese E, Montagnana M, Sjögren M, Almgren P, Guidi GC, Hedblad B, Engström G, Lechi A, Minuz P, Melander O. A variant upstream of the CDH13 adiponectin receptor gene and metabolic syndrome in Swedes. Am J Cardiol. 2011 Nov 15;108(10):1432-7..PMID: 21872196->

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