

Goat anti-histidine decarboxylase (aa449-462) Antibody

Item Number	dAP-3279
Target Molecule	Principle Name: histidine decarboxylase (aa449-462); Official Symbol: HDC; All Names and Symbols: HDC; histidine decarboxylase; Accession Number (s): NP_002103.2; Human Gene ID(s): 3067; Non-Human GeneID(s):
Immunogen	TVTSQFTTRDDILR , is from internal region
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; 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 128000.
Western Blot	Western Blot: Approx 60-70kDa double band observed in Human Brain (Cerebellum) lysates (calculated MW of 74.1kDa according to NP_002103.2). Recommended concentration: 0.01-0.03µg/ml.
IHC	
Reference	Reference(s): Komori H, Nitta Y, Ueno H, Higuchi Y. Structural study reveals that Ser-354 determines substrate specificity on human histidine decarboxylase. The Journal of biological chemistry 2012 Aug 287 (34): 29175-83..PMID: 22767596->

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**