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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB12823 - Goat Anti-histidine decarboxylase (aa449-462) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: HDC, histidine decarboxylase

Official Symbol: HDC

Accession Number(s): NP_002103.2

Human GeneID(s): [3067](#)

Immunogen

Peptide with sequence C-TVTSQFTTRDDILR , from the internal region of the protein sequence according to NP_002103.2.

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 1:128000.

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.

Species Reactivity

Tested: Human

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



EB12823 (0.03µg/ml) staining of Human Cerebellum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.