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Certificate of Analysis and Data Sheet

Goat Anti-CHD5

With HRP-conjugated Secondary Antibody

Catalog No.

ER-14-0326

Accession Number

NP_056372.1

Target Protein

Principal Names: KIAA0444, DKFZp434N231, chromodomain helicase DNA binding protein 5, CHD5

Official Symbol: CHD5

Accession Number(s): NP_056372.1

Human GeneID(s): 26038

Non-Human GeneID(s): 269610 (mouse)

Immunogen

Peptide with sequence C-QSRRQLKSDRDKP, from the internal region of the protein sequence according to NP_056372.1 .

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 1:64000.

Western blot: Preliminary experiments gave an approx 90kDa band in Human Brain (Cerebellum and Frontal Cortex) and Adrenal Gland lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 223kDa according to NP_056372.1. The 90kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

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

Secondary Antibody Applications

Immunoassay (ELISA, Western blotting): 1:5,000-1:10,000

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Not for diagnostic or therapeutic use.**