

RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Goat Anti-CDX2

With HRP-conjugated Secondary Antibody

Catalog No.
ER-14-0302

Accession No.
NP_001256.1

Target Protein

Principal Names: CDX2 antibody, caudal type homeo box transcription factor 2 antibody, HGNC:1806 antibody, CDX-3 antibody, CDX3 antibody

Official Symbol: CDX2

Human GeneID(s): 1045

Non-Human GeneID(s): 12591 (mouse), 66019 (rat)

Important Comments: No cross-reactivity expected with CDX1 and 4

Immunogen

Peptide with sequence EQLSPGGQRRNLCE, from the internal region of the protein sequence according to NP_001256.1.

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 1:4000.

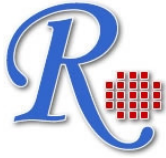
Western blot: Approx 38kDa band observed in Human Kidney and Liver lysates (calculated MW of 33.5kDa according to NP_001256.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Qualtrough et al Gut. 2002 Aug;51(2):184-90; PMID: 12117877). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

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

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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ER-14-0302 (1 μ g/ml) staining of Human Kidney lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Secondary Antibody Applications

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

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