

Product datasheet for TA303095

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CDX2 Goat Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Recommended Dilution: ELISA: 1:4,000. WB: 1-3µg/ml.

Reactivity: Human (Expected from sequence similarity: Mouse, Rat, Dog)

Host: Goat Isotype: IgG

Clonality: Polyclonal

Immunogen: Peptide with sequence EQLSPGGQRRNLCE, from the internal region of the protein sequence

according to NP_001256.1.

Formulation: Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum

albumin.

Concentration: lot specific

Purification: 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 $^{\circ}$ C. Minimize

freezing and thawing.

Conjugation: Unconjugated

Storage: Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Gene Name: caudal type homeobox 2

Database Link: NP 001256

Entrez Gene 12591 MouseEntrez Gene 66019 RatEntrez Gene 486028 DogEntrez Gene 1045

<u>Human</u> <u>Q99626</u>





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Background: The level and beta-cell specificity of insulin gene expression are regulated by a set of nuclear

proteins that bind to specific sequences within the promoter of the insulin gene (INS; MIM 176730) and interact with RNA polymerase to activate or repress transcription. The proteins LMX1 (MIM 600298) and CDX3 are homeodomain proteins that bind an A/T-rich sequence in the insulin promoter and stimulate its transcription (German et al., 1994 [PubMed 7698771]).

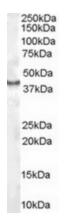
[supplied by OMIM]

Synonyms: AS; CDX-3; CDX2; CDX3

Protein Families: Adult stem cells, Druggable Genome, Embryonic stem cells, ES Cell Differentiation/IPS,

Transcription Factors

Product images:



TA303095 (1ug/ml) staining of Human Kidney lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by

chemiluminescence.