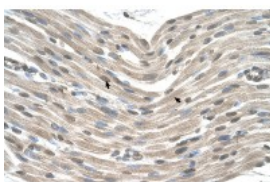




CDX4 Antibody

CATALOG NUMBER: 27-356



Antibody used in WB on Human HepG2 at 0.2-1 ug/ml. Antibody used in IHC on Human Muscle.

Specifications

SPECIES REACTIVITY:	Dog, Human
TESTED APPLICATIONS:	ELISA, IHC, WB
APPLICATIONS:	CDX4 antibody can be used for detection of CDX4 by ELISA at 1:312500. CDX4 antibody can be used for detection of CDX4 by western blot at 1.0 ug/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
POSITIVE CONTROL:	1) Cat. No. 1211 - HepG2 Cell Lysate
PREDICTED MOLECULAR WEIGHT:	30 kDa
IMMUNOGEN:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human CDX4.
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Antibody is purified by peptide affinity chromatography method.
PHYSICAL STATE:	Lyophilized
BUFFER:	Antibody is lyophilized in PBS buffer with 2% sucrose. Add 50 uL of distilled water. Final antibody concentration is 1 mg/mL.
CONCENTRATION:	1 mg/ml
STORAGE CONDITIONS:	For short periods of storage (days) store at 4°C. For longer periods of storage, store CDX4 antibody at -20°C. As with any antibody avoid repeat freeze-thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	CDX4,
ACCESSION NO.:	NP_005184
PROTEIN GI NO.:	4885127

OFFICIAL SYMBOL: CDX4

GENE ID: 1046

Background

BACKGROUND: CDX are homeodomain transcription factors related to the *Drosophila* caudal gene. The vertebrate CDX have been implicated in the development of the posterior embryo. Several signaling molecules, notably retinoic acid (RA) and members of the Wnt (wingless) and fibroblast growth factor (FGF) families, are also implicated in patterning of the posterior vertebrate embryo. CDX family is the target of Wnt, RA and FGF signaling, suggesting that CDX factors act to convey the activity of these signaling molecules to Hox genes.

REFERENCES: 1) Nibbs, R.J., (2003) *Bioessays* 25 (10), 971-980.

FOR RESEARCH USE ONLY

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