

Rabbit CDX4 Polyclonal Antibody | anti-CDX4 antibody

CDX4 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197182	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

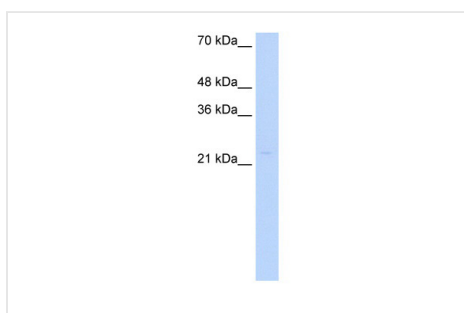
PRODUCT SYNONYMS

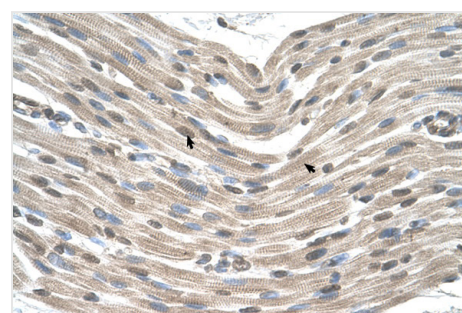
CDX4; Polyclonal Antibody; CDX4 antibody - middle region; anti-CDX4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: TD HQRLLEKEF HCNRYITIQK KSELAVNLGL SERQVKIWFQ NRRAKERK
Sequence Length	284
Applicable Applications for anti-CDX4 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 92%; Horse: 93%; Human: 100%; Mouse: 93%; Pig: 93%; Rabbit: 93%; Rat: 93%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CDX4
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-CDX4 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:312500
Positive Control: HepG2 cell lysate

IHC (Immunohistochemistry)

Human Muscle

ADDITIONAL INFORMATION

Related Product Information for anti-CDX4 antibody	This is a rabbit polyclonal antibody against CDX4. It was validated on Western Blot and immunohistochemistry Target Description: 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.
Product Categories/Family for anti-CDX4 antibody	Polyclonal ; Transcription Factor ; Transcription Regulation ; Transcription Regulation ; Developmental Biology ; Signal Transduction ; Immunohistochemistry ; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885127
NCBI GeneID	1046
NCBI Accession #	NP_005184
NCBI GenBank Nucleotide #	NM_005193
UniProt Accession #	O14627
Molecular Weight	30kDa
NCBI Official Full Name	homeobox protein CDX-4
NCBI Official Synonym Full Names	caudal type homeobox 4
NCBI Official Symbol	CDX4
NCBI Protein Information	homeobox protein CDX-4
UniProt Protein Name	Homeobox protein CDX-4
UniProt Gene Name	CDX4
UniProt Entry Name	CDX4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.