SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-CDX2+3/AF647 Conjugated antibody

Catalog Number: SL9236R-AF647

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-CDX2+3/AF647
Immunogen:	KLH conjugated synthetic peptide derived from human CDX2/3
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Mouse,Rat,Chicken,Pig,Cow,Horse)
Background:	background: This gene is a member of the caudal-related homeobox transcription factor gene family. The encoded protein is a major regulator of intestine-specific genes involved in cell growth an differentiation. This protein also plays a role in early embryonic development of the intestinal tract. Aberrant expression of this gene is associated with intestinal inflammation and tumorigenesis. [provided by RefSeq, Jan 2012]. **Function:** Involved in the transcriptional regulation of multiple genes expressed in the intestinal epithelium. Important in broad range of functions from early differentiation to maintenance of the intestinal epithelial lining of both the small and large intestine. **Subcellular Location:** Nucleus. **Post-translational modifications:** Phosphorylation of Ser-60 mediates the transactivation capacity. **Similarity:** Belongs to the Caudal homeobox family. Contains 1 homeobox DNA-binding domain.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Database links: **Entrez Gene:** 1045 Human **Entrez Gene:** 12591 Mouse **Entrez Gene:** 66019 Rat Omim: 600297 Human **SwissProt:** Q99626 Human **SwissProt:** P43241 Mouse **Unigene:** 174249 Human **Unigene:** 20358 Mouse **Unigene:** 64495 Ra Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.