

Product datasheet for **TA349014**

CDX2 Rabbit Polyclonal Antibody

Product data:

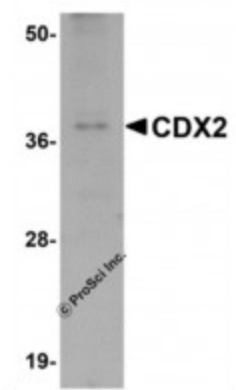
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 ug/mL, IHC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	CDX2 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human CDX2.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	CDX2 Antibody is affinity chromatography purified via peptide column.
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:	CAA74038 Entrez Gene 1045 Human Q99626
Background:	CDX2 Antibody: CDX2 is a member of the caudal homeobox family of transcription factors that also includes the proteins CDX1 and CDX4. CDX2 is strongly expressed in the trophoblast in the blastocyst with expression maintained within the proliferating extra-embryonic ectoderm during development. It is required for the repression of the transcription of the POU5F1/Oct4 and NANOG genes in the outer cells of the blastocyst and is thus essential for the segregation of the inner cell mass and trophoblast at the blastocyst stage. Aberrant expression of CDX2 is associated with numerous types of carcinomas, including intestinal metaplasia, gastric carcinoma, and acute myeloid leukemia due to deregulated HOX gene expression.



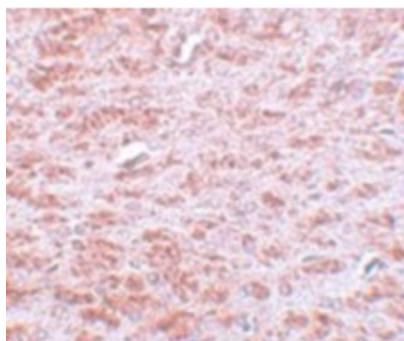
[View online »](#)

Synonyms: AS; CDX-3; CDX2; CDX3

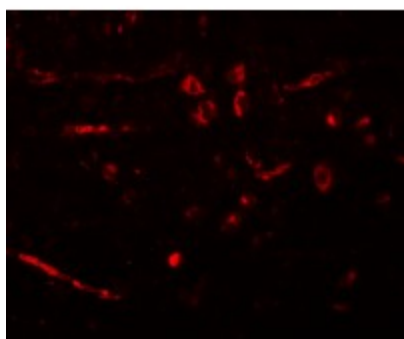
Product images:



Western blot analysis of CDX2 in mouse brain tissue lysate with CDX2 antibody at 1 ug/mL.



Immunohistochemistry of CDX2 in rat brain tissue with CDX2 antibody at 5 ug/mL.



Immunofluorescence of CDX2 in rat brain tissue with CDX2 antibody at 20 ug/mL.