

# Product Datasheet

## CDX2 Antibody - BSA Free **NB100-2136**

Unit Size: 100 ul

Store at 4C. Do not freeze.

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**NB100-2136**

CDX2 Antibody - BSA Free

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

**Product Description**

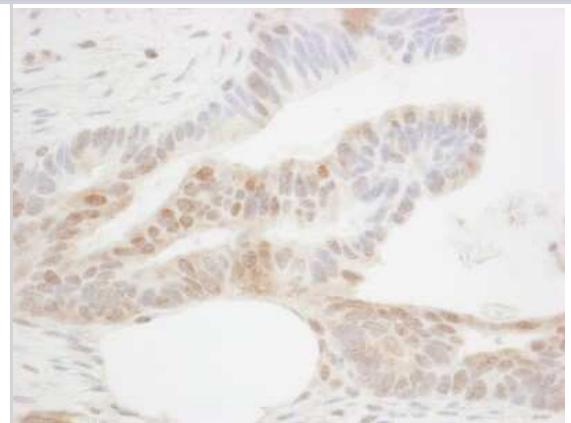
<b>Description</b>	Novus Biologicals Rabbit CDX2 Antibody - BSA Free (NB100-2136) is a polyclonal antibody validated for use in IHC, ICC/IF and IP. Anti-CDX2 Antibody: Cited in 12 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	1045
<b>Gene Symbol</b>	CDX2
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID:33207226).
<b>Immunogen</b>	The immunogen recognized by this antibody maps to a region between residue 250 and 300 of human Caudal Type Homeobox Transcription Factor 2 using the numbering given in entry NP_001256.1 (GeneID 1045).

**Product Application Details**

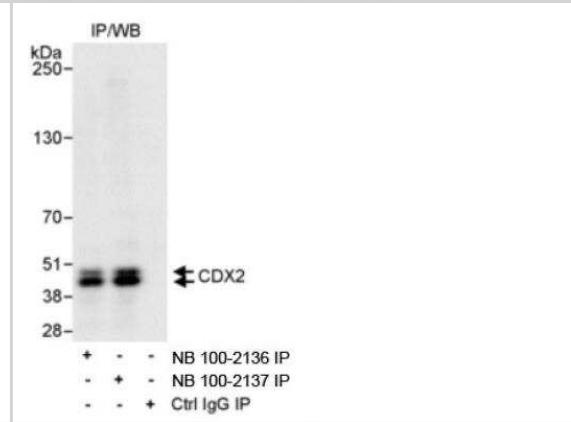
<b>Applications</b>	Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation, Western Blot (Negative)
<b>Recommended Dilutions</b>	Immunohistochemistry 1:500-1:2000, Immunoprecipitation 1-4 ug/mg lysate, Immunohistochemistry-Paraffin 1:500 - 1:2000, Western Blot (Negative)
<b>Application Notes</b>	Western Blot Not recommended. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

## Images

Immunohistochemistry-Paraffin: CDX2 Antibody [NB100-2136] - FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-CDX2 used at a dilution of 1:1,000 (1ug/ml). Detection: DAB



Immunoprecipitation: CDX2 Antibody [NB100-2136] - Detection of Human CDX2 on HeLa whole cell lysate using NB100-2136. CDX2 was also immunoprecipitated by rabbit anti-CDX2 antibody NB100-2137 using 3 mcg/mg lysate.



## Publications

Mena-Osuna R, Mantrana A, Guil-Luna S et al. Metabolic shift underlies tumor progression and immune evasion in S-nitrosoglutathione reductase-deficient cancer The Journal of pathology 2023-04-05 [PMID: 37017456] (IHC, Human)

Mochizuki K, Kudo SE, Kato K et al. Molecular and clinicopathological differences between depressed and protruded T2 colorectal cancer PloS one 2022-10-20 [PMID: 36264865] (IF/IHC, Human)

Adhikari D, Lee IW, Al-Zubaidi U et al. Depletion of oocyte dynamin-related protein 1 shows maternal-effect abnormalities in embryonic development Science advances 2022-06-17 [PMID: 35704569] (ICC/IF, Mouse)

Kashima H, Duran A, Martinez-Ordoñez A et al. Stromal SOX2 Upregulation Promotes Tumorigenesis through the Generation of a SFRP1/2-Expressing Cancer-Associated Fibroblast Population Dev Cell 2020-11-10 [PMID: 33207226] (IF/IHC, Mouse)

Li Y, Yao Q, Zhang L et al. Immunohistochemistry-Based Consensus Molecular Subtypes as a Prognostic and Predictive Biomarker for Adjuvant Chemotherapy in Patients with Stage II Colorectal Cancer Oncologist 2020-09-14 [PMID: 32926498] (MiAr, Human)

Yao Y, Xu X, Yang L et al. Patient-Derived Organoids Predict Chemoradiation Responses of Locally Advanced Rectal Cancer Cell Stem Cell 2019-11-19 [PMID: 31761724] (IF/IHC, Human)

Sandberg TP, Sweere I, van Pelt GW et al. Prognostic value of low CDX2 expression in colorectal cancers with a high stromal content - a short report Cell Oncol (Dordr) 2019-03-08 [PMID: 30847807] (IF/IHC, Human)

Trinh A, Trumpp K, de Sousa E Melo F et al. Practical and Robust Identification of Molecular Subtypes in Colorectal Cancer by Immunohistochemistry. Clin Cancer Res 2016-07-26 [PMID: 27459899]

Kerschner JL, Harris A. Transcriptional networks driving enhancer function in the CFTR gene. Biochem J 2012-09-01 [PMID: 22671145]

Verzi MP, Shin H, Ho LL et al. Essential and redundant functions of caudal family proteins in activating adult intestinal genes. Mol Cell Biol 2011-05-01 [PMID: 21402776]

Verzi MP, Hatzis P, Sulahian R et al. TCF4 and CDX2, major transcription factors for intestinal function, converge on the same cis-regulatory regions. Proc Natl Acad Sci U S A 2010-08-01 [PMID: 20696899]

De Sousa E Melo F, Wang X, Jansen M et al. Poor-prognosis colon cancer is defined by a molecularly distinct subtype and develops from serrated precursor lesions. Nat Med 2013-05-01 [PMID: 23584090] (IHC-P, Human)



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## Products Related to NB100-2136

NBL1-09065	CDX2 Overexpression Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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