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Datasheet for ABIN2779230
anti-CBX4 antibody (N-Term)

2 Images

1 Publication

Overview

Quantity:	100 µL
Target:	CBX4
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Cow, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CBX4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CBX4
Sequence:	LLIAFQNRER QEQLMGYRKR GPKPKPLVVQ VPTFARRSNV LTGLQDSSTD
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 77%
Characteristics:	This is a rabbit polyclonal antibody against CBX4. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	CBX4
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Target Details

Alternative Name:	CBX4 (CBX4 Products)
Background:	<p>The polycomb group (PcG) protein HPC2, which functions as a transcriptional suppressor, is a candidate of KyoT2-binding proteins. Pc2 dramatically enhances CtBP sumoylation. Pc2 is a SUMO E3, and Polycomb Group bodies may be sumoylation centers.</p> <p>Alias Symbols: PC2, NBP16</p> <p>Protein Interaction Partner: Rnf111, SUMO1, NEDD8, CBS, BMI1, EED, RNF2, HECW2, SOX2, YWHAЕ, YWHAB, CCDC158, DIS3L2, HIST4H4, CBX2, PARP12, RNF213, ZKSCAN7, DCAF6, KDM3A, MYCBP2, ANKRD26, PSME3, TRANK1, CBX4, HIST1H2AB, YWHAZ, SKIL, NPM1, HIST1H2BB, GTF2I, PHC2, CSNK2B, CSNK2A2, CSNK</p> <p>Protein Size: 560</p>
Molecular Weight:	61 kDa
Gene ID:	8535
NCBI Accession:	NM_003655 , NP_003646

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 560 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Publications

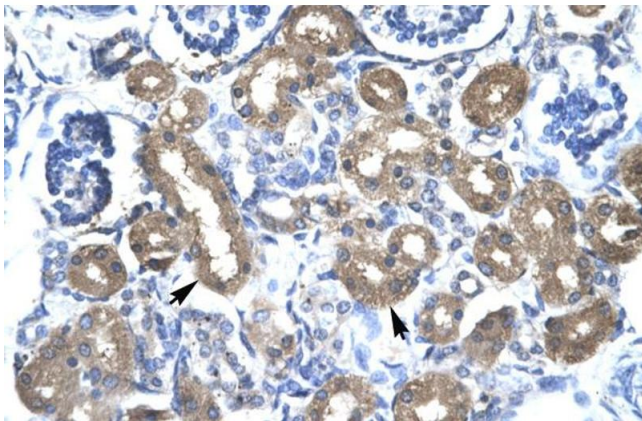
Product cited in: Lazrek, Goffard, Schanen, Karquel, Bocket, Lion, Devaux, Hedouin, Gosset, Hober: "Detection of hepatitis C virus antibodies and RNA among medicolegal autopsy cases in Northern France." in: **Diagnostic microbiology and infectious disease**, Vol. 55, Issue 1, pp. 55-8, (2006) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-CBX4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Jurkat cell lysate CBX4 is supported by BioGPS gene expression data to be expressed in Jurkat



Immunohistochemistry

Image 2. Rabbit Anti-CBX 4 Antibody Catalog Number: ARP30002 Paraffin Embedded Tissue: Human Kidney Cellular Data: Epithelial cells of renal tubule Antibody Concentration: 4.0-8.0 ug/ml Magnification: 400X