

**CXXC4 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP9385b****Specification**

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**CXXC4 Antibody (C-term) - Product Information**

Application	WB, IHC-P, FC,E
Primary Accession	<a href="#">O9H2H0</a>
Other Accession	<a href="#">O9EOC9</a> , <a href="#">O6NXI8</a>
Reactivity	Human, Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	20978
Antigen Region	158-185

**CXXC4 Antibody (C-term) - Additional Information****Other Names**

CXXC-type zinc finger protein 4, Inhibition of the Dvl and axin complex protein, CXXC4, IDAX

**Target/Specificity**

This CXXC4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 158-185 amino acids from the C-terminal region of human CXXC4.

**Dilution**

WB~~1:1000  
IHC-P~~1:50~100  
FC~~1:10~50

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

CXXC4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**CXXC4 Antibody (C-term) - Protein Information**

**Name** CXXC4

**Synonyms** IDAX

**Function** Acts as a negative regulator of the Wnt signaling pathway via its interaction with DVL1 (By similarity). Binds preferentially to DNA containing cytidine-phosphate-guanosine (CpG) dinucleotides over CpH (H=A, T, and C), hemimethylated-CpG and hemimethylated-hydroxymethyl- CpG (PubMed:[29276034](#)).

**Cellular Location**

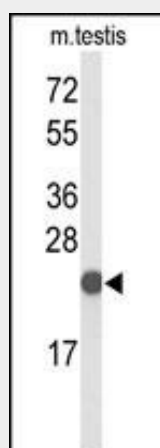
Cytoplasm {ECO:0000250|UniProtKB:Q9EQC9}.

**CXXC4 Antibody (C-term) - Protocols**

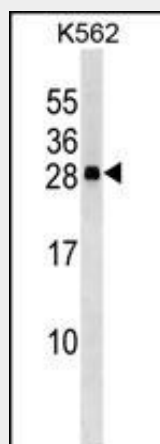
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

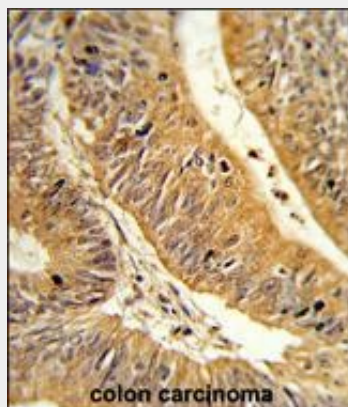
**CXXC4 Antibody (C-term) - Images**



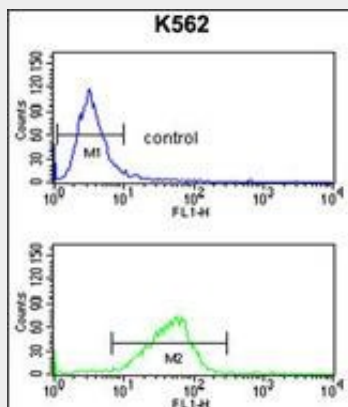
Western blot analysis of CXXC4 Antibody (C-term) (Cat. #AP9385b) in mouse testis tissue lysates (35ug/lane). CXXC4 (arrow) was detected using the purified Pab.



CXXC4 Antibody (C-term) (Cat. #AP9385b) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the CXXC4 antibody detected the CXXC4 protein (arrow).



Formalin-fixed and paraffin-embedded human colon carcinoma reacted with CXXC4 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



CXXC4 Antibody (C-term) (Cat. #AP9385b) flow cytometry analysis of K562 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **CXXC4 Antibody (C-term) - Background**

CXXC4 acts as a negative regulator of the Wnt signaling pathway via its interaction with DVL1.

#### **CXXC4 Antibody (C-term) - References**

- Kojima, T., et al. *Oncogene* 28(2):297-305(2009)  
Hino, S., et al. *Mol. Cell. Biol.* 21(1):330-342(2001)