

Datasheet for ABIN6991464
anti-CXXC5 antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	CXXC5
Binding Specificity:	AA 30-80, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXXC5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	CXXC5 antibody was raised against a 15 amino acid synthetic peptide near the amino terminus of human CXXC5. The immunogen is located within amino acids 30 - 80 of CXXC5.
Isotype:	IgG
Specificity:	At least two isoforms of CXXC5 are known to exist. CXXC5 antibody is predicted to not cross-react with other CXXC protein family members.
Purification:	CXXC5 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	CXXC5
Alternative Name:	CXXC5 (CXXC5 Products)

Target Details

Background:	CXXC5 Antibody: CXXC5 is zinc finger protein closely related to the DVL1-binding protein CXXC4 (also known as Idax), and like CXXC4 is thought to modulate the Wnt signaling pathway during development. CXXC5 is upregulated in neural stem cells upon BMP4 stimulation, leading to decreased levels of the Wnt-signaling target AXIN2 and facilitated the response of the stem cells to Wnt3a. Recent reports suggest CXXC5 transcription is activated by the Wilms tumor 1 (WT1) transcription factor, and together are involved in the WNT/beta-catenin pathway and play a role in embryonic kidney development.
Molecular Weight:	Predicted: 25, 35 kDa Observed: 25, 35 kDa
Gene ID:	51523
NCBI Accession:	NP_057547
UniProt:	Q7LFL8

Application Details

Application Notes:	CXXC5 antibody can be used for detection of CXXC5 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	CXXC5 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C, 4 °C

Handling

Storage Comment: CXXC5 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.