

Datasheet for ABIN783347
anti-CXXC5 antibody (N-Term)



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1 Image

Overview

Quantity:	0.1 mg
Target:	CXXC5
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXXC5 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	15 amino acid peptide near the amino terminus of human CXXC5
Specificity:	This antibody detects CXXC5 at N-term. At least two isoforms of CXXC5 are known to exist. CXXC5 antibody is predicted to not cross-react with other CXXC protein family members.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	CXXC5
Alternative Name:	CXXC5 (CXXC5 Products)
Background:	CXXC5 is zinc finger protein closely related to the DVL1-binding protein CXXC4 (also known as

Target Details

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. Synonyms: CXXC-type zinc finger protein 5, PM08, Putative MAPK-activating protein PM08, Putative NF-kappa-B-activating protein 102

Gene ID: 51523

NCBI Accession: [NP_057547](#)

UniProt: [Q7LFL8](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: PBS containing 0.02 % sodium azide

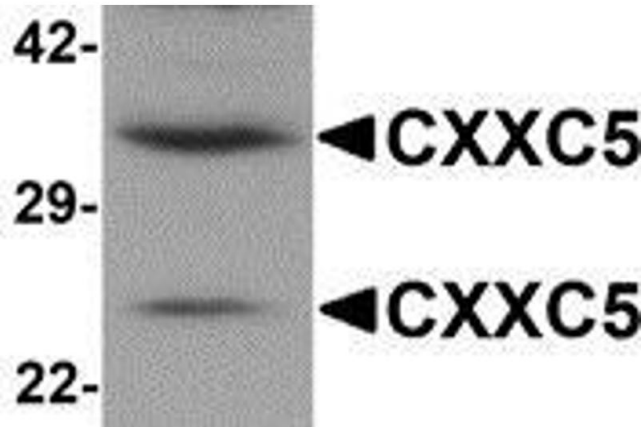
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of CXXC5 in human brain tissue lysate with CXXC5 antibody at 1 µg/ml.