

Anti-CXXC5 Antibody

Catalog Number: A06865

About CXXC5

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.

Overview

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|----------------------|--|
| Product Name | Anti-CXXC5 Antibody |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-CXXC5 Antibody (Catalog # A06865). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat. |
| Application | ELISA, IF, IHC-P, WB |
| Clonality | Polyclonal |
| Formulation | CXXC5 Antibody is supplied in PBS containing 0.02% sodium azide. |
| Storage Instructions | CXXC5 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |
| Host | Rabbit |
| Uniprot ID | Q7LFL8 |

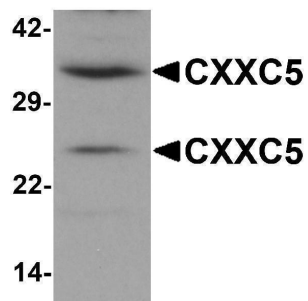
Technical Details

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|----------------------------|---|
| 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. |
| Predicted Reactive Species | Bovine |
| Cross Reactivity | At least two isoforms of CXXC5 are known to exist. CXXC5 antibody is predicted to not cross-react with other CXXC protein family members. |
| Isotype | IgG |
| Form | Liquid |
| Concentration | 1 mg/mL |
| Purification | CXXC5 Antibody is affinity chromatography purified via peptide column. |

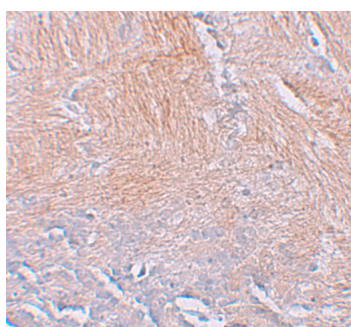
Suggested Dilutions

CXXC5 antibody can be used for detection of CXXC5 by Western blot at 1 ug/mL. Antibody can also be used for immunohistochemistry starting at 2.5 ug/mL. For immunofluorescence start at 20 ug/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. Optimal dilutions for each application should be determined by the researcher.

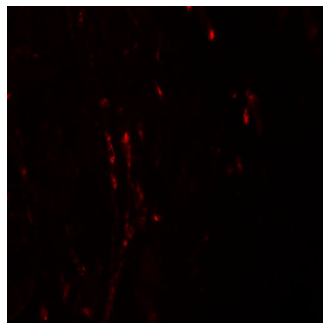
Anti-CXXC5 Antibody (A06865) Images



Western blot analysis of CXXC5 in human brain tissue lysate with CXXC5 antibody at 1 ug/mL.



Immunohistochemistry of CXXC5 in human brain tissue with CXXC5 antibody at 2.5 ug/mL.



Immunofluorescence of CXXC5 in Human Brain tissue with CXXC5 antibody at 20 ug/mL.

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Anti-CXXC5 Antibody

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