BOSTER BIOLOGICAL TECHNOLOGY
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Anti-PHD finger protein 14 PHF14 Antibody

Catalog Number: A13413

About PHF14

PHF14, a novel plant homology domain (PHD) transcription factor, controls the proliferation of mesenchymal cells by regulating PDGFR alpha expression in embryonic development (1). PHD finger transcription factors are concerned with transcriptional regulation by interacting with modified histones (2), and dysregulation of several genes encoding PHD finger transcription factors, such as ING1 and RBP2, has been found in human cancer diseases suggesting these factors have an important role for cancer cell proliferation. PHF14 is a potential target for new treatments of lung fibrosis (1, 3).

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Overview

Product Name	Anti-PHD finger protein 14 PHF14 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PHD finger protein 14 PHF14 Antibody (Catalog # A13413). Tested in ELISA, WB, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, WB
Clonality	Polyclonal
Formulation	PHF14 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	PHF14 antibody can be stored at 4°C, stable for up to one year.
Host	Rabbit
Uniprot ID	O94880

Technical Details

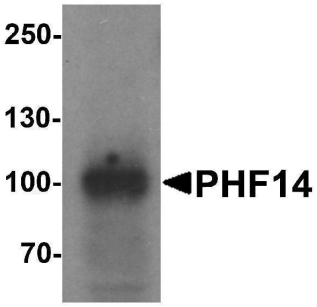
Immunogen	PHF14 antibody was raised against a 19 amino acid peptide near the amino terminus of human PHF14. The immunogen is located within amino acids 210 - 260 of PHF14 .
Predicted Reactive Species	Mouse
Cross Reactivity	PHF14 antibody is human, mouse and rat reactive. Multiple isoforms of PHF14 are known to exist.

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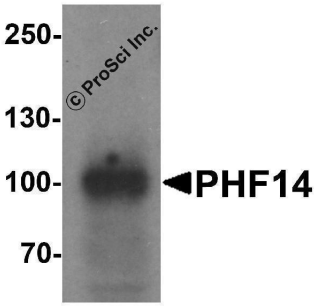
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	PHF14 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	PHF14 antibody can be used for detection of PHF14 by Western blot at 1 - 2 ug/ml. Antibody validated: Western Blot in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-PHD finger protein 14 PHF14 Antibody (A13413) Images



Western blot analysis of PHF14 in 293 cell lysate with PHF14 antibody at 1 ug/ml.



Immunofluorescence of PHF14 in 293 cells with PHF14 antibody at 5 ug/mL.

Anti-PHD finger protein 14 PHF14 Antibody

For Research Use Only. Not for use in diagnostic procedures.