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Datasheet for ABIN6991907
anti-PHF14 antibody (N-Term)

Overview

Quantity:	0.1 mg
Target:	PHF14
Binding Specificity:	AA 210-260, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHF14 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product 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 .
Isotype:	IgG
Specificity:	PHF14 antibody is human, mouse and rat reactive. Multiple isoforms of PHF14 are known to exist.
Purification:	PHF14 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	PHF14
Alternative Name:	PHF14 (PHF14 Products)

Target Details

Background: 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).

Molecular Weight: Predicted: 98 kDa

Observed: 100kDa

Gene ID: 9678

NCBI Accession: [NP_055475](#)

UniProt: [O94880](#)

Application Details

Application Notes: PHF14 antibody can be used for detection of PHF14 by Western blot at 1 - 2 µg/mL.

Antibody validated: Western Blot 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: PHF14 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

Storage Comment: PHF14 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.