

Product datasheet for **TA326658**

PHF14 Rabbit Polyclonal Antibody

Product data:

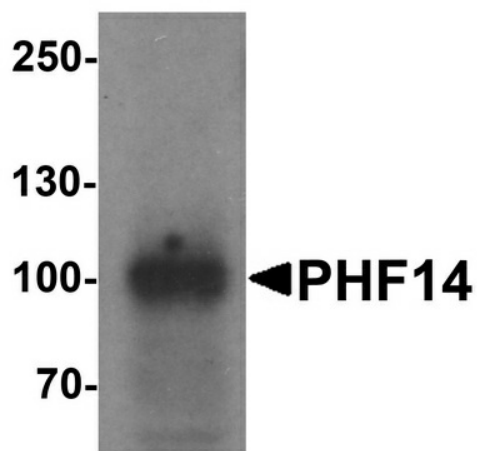
Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	WB: 1 - 2 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	PHF14 antibody was raised against a 19 amino acid peptide near the amino terminus of human PHF14.
Formulation:	PHF14 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	PHF14 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 98 kDa; Observed: 100 kDa
Gene Name:	PHD finger protein 14
Database Link:	NP_055475 Entrez Gene 75725 MouseEntrez Gene 500030 RatEntrez Gene 9678 Human O94880
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).
Synonyms:	MGC176640



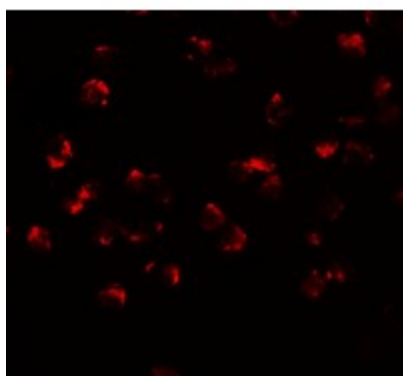
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Protein Families: Druggable Genome, Transcription Factors

Product 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.