

## Product datasheet for TA392796M

### PHF1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500~1:1000 IHC: 1:50~1:200
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide, corresponding to amino acids 361-410 of Human PHF1.
Specificity:	PHF1 (K381) polyclonal antibody detects endogenous levels of PHF1 protein.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 62 kDa
Gene Name:	PHD finger protein 1
Database Link:	<a href="#">Entrez Gene 5252 Human O43189</a>
Background:	PHF1 (PHD protein finger 1), also known as polycomb-like protein 1 or hPCL1, is a 567 amino acid member of the PHD finger protein family. Members of the PHD finger protein family function as transcriptional regulators that affect gene expression by modulating chromatin structure. With a subcellular localization to the nucleus, PHF1 is widely expressed in tissues, with high expression in pancreas, heart and skeletal muscle and low expression in liver, lung, kidney, brain and placenta. PHF1 contains 2 PHD-type zinc finger domains, which may contribute to the transcriptional activity of PHF1. PHF1 is thought to interact with ENX-1, a component of PRC2 (polycomb repressive complex 2), increasing the gene silencing activity of PRC2. PHF1 exists as two isoforms produced by alternative splicing.
Synonyms:	hPCL1; hPHF1; PCL1; PHD finger protein 1; PHF1; Polycomb-like protein 1; Protein PHF1


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**Note:** For research use only, not for use in diagnostic procedure.