

Product datasheet for **TA345384**

PHF1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-PHF1 antibody: synthetic peptide directed towards the C terminal of human PHF1. Synthetic peptide located within the following region: SAPPSPLCRSLSPGTGGGVRGGVGYLSRGDPVRLARRVRPDGSVQYLVE
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	62 kDa
Gene Name:	PHD finger protein 1
Database Link:	NP_077084 Entrez Gene 5252 Human O43189



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Background:

PHF1 has significant sequence similarity with Drosophila Polycomblike. It contains a zinc finger-like PHD (plant homeodomain) finger which is distinct from other classes of zinc finger motifs and which shows the typical Cys4-His-Cys3 arrangement. PHD finger genes are thought to belong to a diverse group of transcriptional regulators possibly affecting eukaryotic gene expression by influencing chromatin structure. This gene encodes a protein with significant sequence similarity to Drosophila Polycomblike. The encoded protein contains a zinc finger-like PHD (plant homeodomain) finger which is distinct from other classes of zinc finger motifs and which shows the typical Cys4-His-Cys3 arrangement. PHD finger genes are thought to belong to a diverse group of transcriptional regulators possibly affecting eukaryotic gene expression by influencing chromatin structure. Two transcript variants have been found for this gene. This gene encodes a protein with significant sequence similarity to Drosophila Polycomblike. The encoded protein contains a zinc finger-like PHD (plant homeodomain) finger which is distinct from other classes of zinc finger motifs and which shows the typical Cys4-His-Cys3 arrangement. PHD finger genes are thought to belong to a diverse group of transcriptional regulators possibly affecting eukaryotic gene expression by influencing chromatin structure. Two transcript variants have been found for this gene.

Synonyms:

hPHF1; MTF2L2; PCL1; PHF2; TDRD19C

Note:

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%

Protein Families:

Druggable Genome, Transcription Factors

Product images:

WB Suggested Anti-PHF1 Antibody Titration: 0.2-1 ug/ml; Positive Control: NTERA2 cell lysate