

Rabbit PHF1 Polyclonal Antibody | anti-PHF1 antibody

PHF1 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198508	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Immunohistochemistry, Western Blot

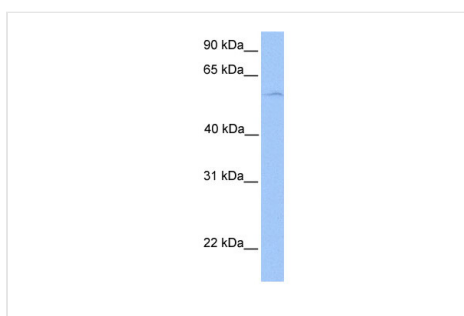
PRODUCT SYNONYMS

PHF1; Polyclonal Antibody; PHF1 antibody - C-terminal region; anti-PHF1 antibody

PRODUCT SPECIFICATIONS

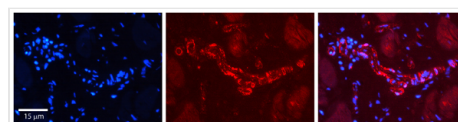
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SA PPSPLCRSLS PGTGGGVRRG VGYLSRGDPV RVLARRVRPD GSVQYLVE
Sequence Length	567
Applicable Applications for anti-PHF1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human PHF1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

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



IHC (Immunohistochemistry)

Rabbit Anti-PHF1 Antibody Formalin Fixed Paraffin Embedded Tissue: Human heart Tissue Observed Staining: Cytoplasmic in endothelial cells in blood vessels Primary Antibody Concentration: 1:100 Other Working Concentrations: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-PHF1 antibody	This is a rabbit polyclonal antibody against PHF1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.
Product Categories/Family for anti-PHF1 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Chromatin & Nuclear Signaling; Epigenetics; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	13435397
NCBI GeneID	5252
NCBI Accession #	NP_077084
NCBI GenBank Nucleotide #	NM_024165
UniProt Accession #	O43189
Molecular Weight	62kDa
NCBI Official Full Name	PHD finger protein 1 isoform b
NCBI Official Synonym Full Names	PHD finger protein 1
NCBI Official Symbol	PHF1
NCBI Official Synonym Symbols	PCL1; PHF2; hPHF1; MTF2L2; TDRD19C
NCBI Protein Information	PHD finger protein 1
UniProt Protein Name	PHD finger protein 1
UniProt Gene Name	PHF1
UniProt Synonym Gene Names	PCL1; Protein PHF1; hPHF1; hPCI1
UniProt Entry Name	PHF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.