

Rabbit anti-Human PHF1 Polyclonal Antibody | anti-PHF1 antibody

Anti-PHF1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254622	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Western Blot

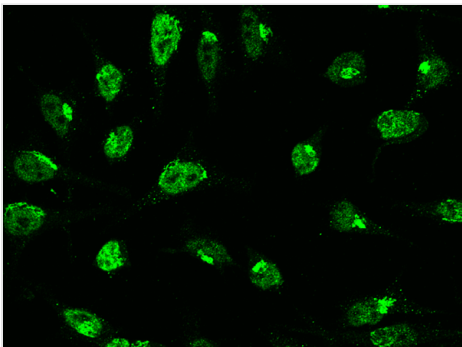
PRODUCT SYNONYMS

PHF1; Polyclonal Antibody; Anti-PHF1 Antibody; Rabbit Polyclonal; PHF1 Antibody; Rabbit PAb; Antigen Affinity Purified; PHD finger protein 1; Anti-hPHF1 Antibody; Anti-MTF2L2 Antibody; Anti-PCL1 Antibody; Anti-PHF2 Antibody; Anti-TDRD19C Antibody; anti-PHF1 antibody

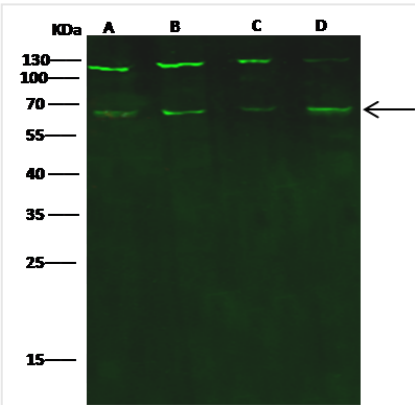
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PHF1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-PHF1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the center region of the Human PHF1
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human PHF1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of PHF1 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human PHF1 polyclonal antibody (1:5000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to nucleus.



WB (Western Blot)
Anti-PHF1 rabbit polyclonal antibody at 1:500 dilution Lane A: Jurkat Whole Cell Lysate Lane B: MCF7 Whole Cell Lysate Lane C: NCI-H1299 Whole Cell Lysate Lane D: A431 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti- Rabbit & IgG H&L (Dylight 800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 62 kDa Observed band size: 67 kDa (We are unsure as to the identity of these extra bands).

ADDITIONAL INFORMATION

Related Product Information for anti-PHF1 antibody	PHF1 gene rearrangements have been recently described in around 50% of ossifying fibromyxoid tumors (OFMT) including benign and malignant cases, with a small subset showing EP400-PHF1 fusions. PHF11 (plant homeodomain finger 11) encodes a previously unknown DDR factor involved in 5' end resection, ATR signaling, and HR. PHF11 was identified based on its association with deprotected telomeres and localized to sites of DNA damage in S phase. Depletion of PHF11 diminished the ATR signaling response to telomere dysfunction and genome-wide DNA damage, reduced end resection at sites of DNA damage, resulted in compromised HR and misrejoining of S-phase DSBs, and increased the sensitivity to DNA-damaging agents.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505777
NCBI GeneID	5252
NCBI Accession #	NP_002627.1
NCBI GenBank Nucleotide #	NM_002636.4
UniProt Accession #	O43189; O60929; Q5SU07; Q5SU08; Q96KM7; B1AZX2; B1AZX3
Molecular Weight	62,106 Da
NCBI Official Full Name	PHD finger protein 1 isoform a
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; hPCI1; polycomb-like protein 1; tudor domain containing 19C
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/phf1-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/254622>