

Rabbit anti-Human PHF21A Polyclonal Antibody | anti-PHF21A antibody

PHF21A Antibody

CATALOG # AAA310446	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

PHF21A; Polyclonal Antibody; PHF21A Antibody; BHC80; BM-006; anti-PHF21A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total PHF21A protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	2831
Applicable Applications for anti-PHF21A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic protein corresponding to residues near the C terminal of human PHF21A
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



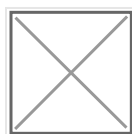
IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 46640(PHF21A Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: x200)



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using 46640(PHF21A Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: x200)



SDS-PAGE

Gel: 8%SDS-PAGE Lysate: 40 µg Lane 1-4:A172293THela and A375 cell lysates Primary antibody: 46640(PHF21A Antibody) at dilution 1/400 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution Exposure time: 3 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-PHF21A antibody	Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. PHF21A (PHD finger protein 21A), also known as BRAF35-HDAC complex protein BHC80, is a 680 amino acid nuclear protein that contains one PHD-type zinc finger and one A.T hook DNA-binding domain, suggesting involvement in transcriptional regulation events. PHF21A is a component of the BHC complex, which is responsible for repressing transcription of neuron-specific genes in non-neuronal cells. The BHC complex acts as a chromatin modifier that deacetylates and demethylates specific sites on histones. PHF21A may act as a scaffold within the BHC complex. Predominantly expressed in brain, three isoforms of PHF21A exist as a result of alternative splicing events.
Product Categories/Family for anti-PHF21A antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	34190461
NCBI GeneID	51317
UniProt Accession #	Q96BD5; Q6AWA2; Q9C0G7; Q9H8V9; Q9HAK6; Q9NZE9; D3DQP5
Molecular Weight	75 kDa
NCBI Official Full Name	Homo sapiens PHD finger protein 21A, mRNA
NCBI Official Synonym Full Names	PHD finger protein 21A
NCBI Official Symbol	PHF21A
NCBI Official Synonym Symbols	BHC80; BM-006
NCBI Protein Information	PHD finger protein 21A
UniProt Protein Name	PHD finger protein 21A
UniProt Gene Name	PHF21A
UniProt Synonym Gene Names	BHC80; KIAA1696

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/phf21a-antibody-immunohistochemistry-western-blot-elisa/310446>