

PHF21A Antibody

Catalog No: #46640



Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

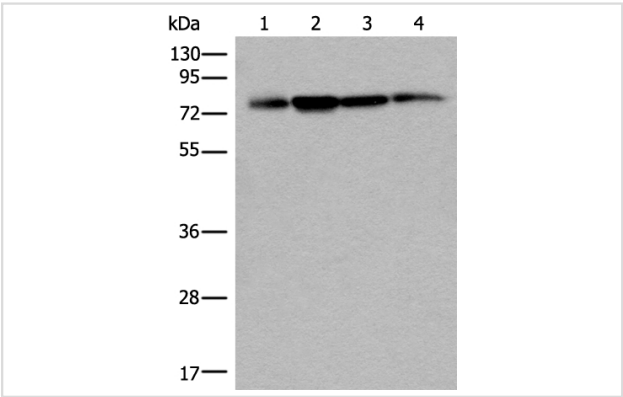
Product Name	PHF21A Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PHF21A protein.
Immunogen Type	peptide
Immunogen Description	Synthetic protein corresponding to residues near the C terminal of human PHF21A
Target Name	PHF21A
Other Names	BHC80; BM-006
Accession No.	Swiss-Prot:Q96BD5NCBI Gene ID:51317NCBI Protein:BC015714
Uniprot	Q96BD5
GeneID	51317;
Calculated MW	75 kDa
Concentration	1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

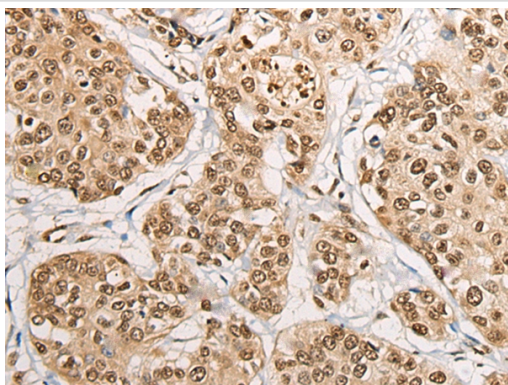
Western blotting: 1:500-1:2000

Immunohistochemistry: 1: 40-200

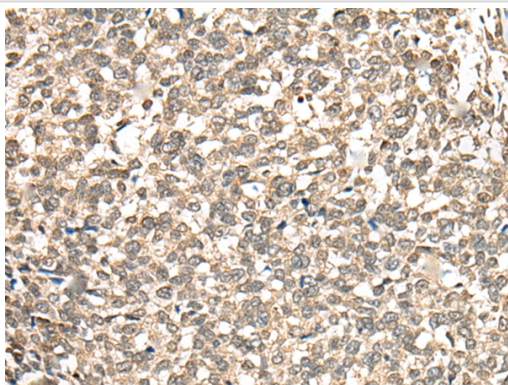
Images



Gel: 8%SDS-PAGE
B&B Lysate: 40 B¹ gB&B Lane
1-4:A172B&B-293TB&B-Hela and A375 cell lysatesB&B
Primary antibody: 46640(PHF21A Antibody) at dilution
1/400B&B
Secondary antibody: Goat anti rabbit IgG at 1/8000
dilutionB&B
Exposure time: 3 seconds



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)



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)

Background

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.

Note: This product is for in vitro research use only