

For Research Use Only

PHF20 Polyclonal antibody

Catalog Number: 22010-1-AP

1 Publications



Basic Information

Catalog Number:

22010-1-AP

Size:

150ul, Concentration: 800 ug/ml by Nanodrop and 273 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG15686

GenBank Accession Number:

BC150178

GeneID (NCBI):

51230

UNIPROT ID:

Q9BVI0

Full Name:

PHD finger protein 20

Calculated MW:

1012 aa, 115 kDa

Observed MW:

130 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human

Positive Controls:

WB: HeLa cells, Jurkat cells, mouse testis tissue

IF/ICC: HeLa cells,

Background Information

PHD finger protein 20 (PHF20), also known as NZF, TZIP1, GLEA2 or HCA58, is a 1,012 amino acid protein that localizes to the nucleus and contains one PHD-type zinc finger, one C2H2-type zinc finger and one A/T hook DNA-binding domain. PHF20 contains a tudor domain, which facilitates binding to di-methylated histone H4 Lys20. PHF20 is expressed in a variety of tissues, including liver, heart, lung, pancreas, spleen, testis and placenta. PHF20 is thought to function as a transcription factor, possibly playing a role in the development of cancers, including glioblastoma, lung cancer, colon cancer and ovarian cancer. PHF20 exists as three alternatively spliced isoforms (150kd, 130kd and 120kd) which are encoded by a gene that maps to human chromosome 20 (22072714).

Notable Publications

Author	Pubmed ID	Journal	Application
Quan Jin	35039981	Biochem Genet	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

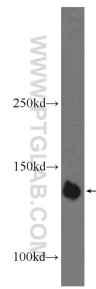
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

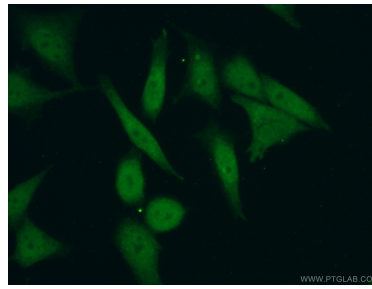
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 22010-1-AP (PHF20 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 22010-1-AP (PHF20 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).