

For Research Use Only

Histone H2A.z Polyclonal antibody

Catalog Number: 16441-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number:

16441-1-AP

Size:

300 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9762

GenBank Accession Number:

BC018002

GeneID (NCBI):

3015

UNIPROT ID:

POC055

Full Name:

H2A histone family, member Z

Calculated MW:

128 aa, 14 kDa

Observed MW:

14 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

IF/ICC 1:20-1:200

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, fish, oratosquilla oratoria

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : human brain tissue, mouse kidney tissue

IHC : human skin cancer tissue, human testis tissue

IF/ICC : HeLa cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
BreAnna Cameron	34590699	Biol Open	IF, WB
Ryan Darby Heimroth	34788085	Sci Adv	IF
Zhitao Han	36408174	Front Oncol	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

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

T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

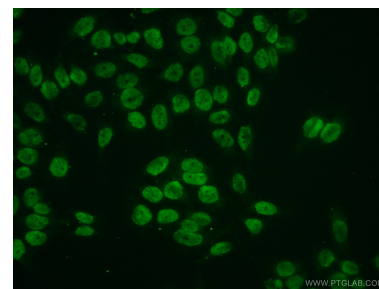
Selected Validation Data



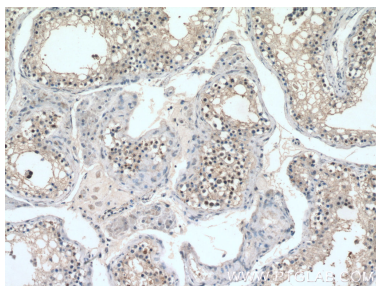
human brain tissue were subjected to SDS PAGE followed by western blot with 16441-1-AP (H2AFZ antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



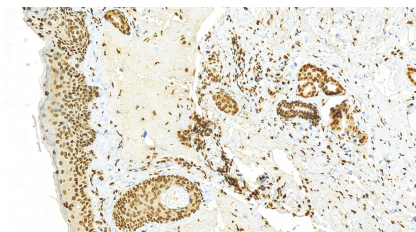
mouse kidney tissue were subjected to SDS PAGE followed by western blot with 16441-1-AP (Histone H2A.z Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 16441-1-AP (Histone H2A.z antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 16441-1-AP (Histone H2A.z antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded skin cancer slide using 16441-1-AP (Histone H2A.z antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).