RBAP48
Polyclonal ANTIBODY
Catalog Number: 20364-1-AP

Basic Information
Catalog Number: 20364-1-AP
Size: 150μL, Concentration: 167 μg/ml by Bradford method using BSA as the standard;
Source: Rabbit
Isotype: IgG
GenBank Accession Number: NM_005610
GeneID (NCBI): 5928
Full Name: Retinoblastoma binding protein 4
Calculated MW: 48 kDa
Observed MW: 48-50 kDa
Purification Method: Antigen affinity purification
Recommended Dilutions:
WB 1:500-1:3000
IP 0.5-4.0 μg for IP and 1:500-1:2000 for WB
IHC 1:20-1:200
IP 1:20-1:200

Applications
Tested Applications:
IF, IHC, IP, WB, ELISA
Cited Applications:
IHC, WB
Species Specificity:
human, mouse
Cited Species:
human, mouse
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: Jurkat cells, HeLa cells, HepG2 cells, human brain tissue, K-562 cells, L02 cells
IP: HeLa cells
IHC: human cervical cancer tissue, human breast cancer tissue
IF: HeLa cells,

Background Information
RBAP48, also named as RBAP48 and CAF-I p48, belongs to the WD repeat RBAP46/RBAP48/MSI1 family. RBAP4 is a core histone-binding subunit that may target chromatin assembly factors, chromatin remodeling factors and histone deacetylases to their histone substrates in a manner that is regulated by nucleosomal DNA. It is a component of several complexes which regulate chromatin metabolism. The antibody is specific to RBAP4.

Notable Publications
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<th>Author</th>
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<tr>
<td>Pingping Zhu</td>
<td>30224759</td>
<td>Nat Cell Biol</td>
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<tr>
<td>Pingping Zhu</td>
<td>26426678</td>
<td>J Clin Invest</td>
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<td>Wei Zhan</td>
<td>30403769</td>
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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: 1(888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintechn@ptglab.com
W: ptglab.com

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Jurkat cells were subjected to SDS PAGE followed by western blot with 20364-1-AP (RBAP48 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.

Immunohistochemical analysis of paraffin-embedded human cervical cancer using 20364-1-AP (RBAP48 antibody) at dilution of 1:100 (under 10x lens).

Immunohistochemical analysis of paraffin-embedded human cervical cancer using 20364-1-AP (RBAP48 antibody) at dilution of 1:100 (under 40x lens).


Immunofluorescent analysis of HeLa cells using 20364-1-AP (RBAP48 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).