[KO Validated] RbAp48 Rabbit Monoclonal Antibody



CAB3645

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

52KDa

Calculated MW:

48kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein Background

This gene encodes a ubiquitously expressed nuclear protein which belongs to a highly conserved subfamily of WD-repeat proteins. It is present in protein complexes involved in histone acetylation and chromatin assembly. It is part of the Mi-2 complex which has been implicated in chromatin remodeling and transcriptional repression associated with histone deacetylation. This encoded protein is also part of co-repressor complexes, which is an integral component of transcriptional silencing. It is found among several cellular proteins that bind directly to retinoblastoma protein to regulate cell proliferation. This protein also seems to be involved in transcriptional repression of E2F-responsive genes. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2008]

Immunogen information

Gene ID: 5928

Uniprot Q09028

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Source:

Rabbit

Synonyms:

NURF55; RBAP48; lin-53

Immunogen:

A synthesized peptide derived from human RbAp48

Storage: Isotype:

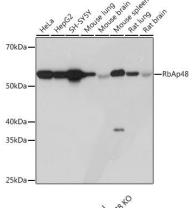
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% IgG

sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

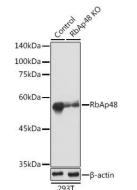
Purification:

Affinity purification

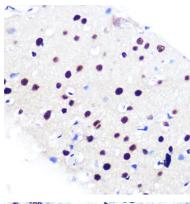
Product Images



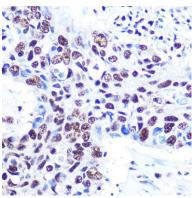
Western blot analysis of extracts of various cell lines, using RbAp48 Rabbit mAb (CAB3645) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 3s.



Western blot analysis of extracts of 293T cells, using RbAp48 antibody (CAB3645) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 1s.



Immunohistochemistry of paraffin-embedded rat brain using RbAp48 Rabbit mAb (CAB3645) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human lung cancer using RbAp48 Rabbit mAb (CAB3645) at dilution of 1:100 (40x lens).