

Recombinant

DGRmAb®

RBBP4 (DGR16021) Rabbit mAb

db11829

Package : 10µL 20µL 50µL 100µL

Product Name : RBBP4 (DGR16021) Rabbit mAb

Cat.No.: db11829

Synonyms : NURF55; RBAP48; lin-53

Application : WB, IHC-P, ICC/IF, FC, IP

Reactivity : Human,Mouse,Rat

Host species : Rabbit

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

A synthetic peptide of human RbAp48

Gene ID

5928

Swiss Prot

Q09028

Synonyms

NURF55; RBAP48; lin-53

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, FC, IP

Recommended dilution

WB: 1:2000-1:20000

IHC-P: 1:1000-1:5000

ICC/IF: 1:100-1:200

FC: 1:20-1:50

IP: 1:20

Calculated MW

48 kDa

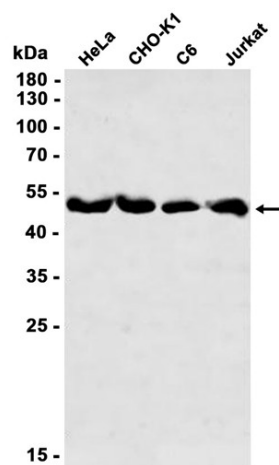
Observed MW

48 kDa

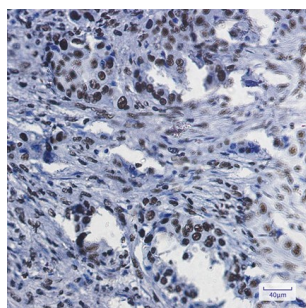
Host species

Rabbit

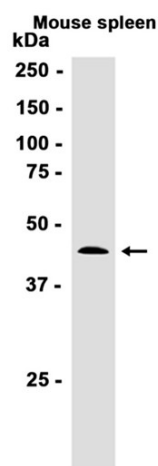
Clonality	Monoclonal
Clonality No.	DGR16021
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



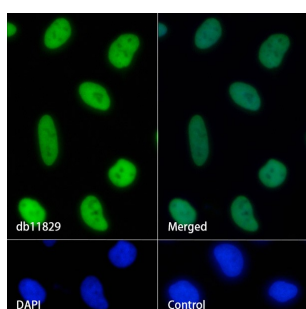
Western blot analysis of extracts from HeLa, CHO-K1, C6, Jurkat cells using db11829 at 1:500.



Immunohistochemical analysis of paraffin-embedded human lung cancer using db11829 antibody.



Western blot analysis of extracts from Mouse spleen tissue using db11829 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling RBBP4 with db11829.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db11829 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.

