

Recombinant

DGRmAb®

14-3-3 alpha/beta (DGR32331) Rabbit mAb (PBS Only)

db11474-PBS

Package : 10µg 100µg

Product Name : 14-3-3 alpha/beta (DGR32331) Rabbit mAb (PBS Only)**Cat.No.:** db11474-PBS**Synonyms** : HS1; GW128; YWHAA; KCIP-1; HEL-S-1**Application** : WB, IHC, ICC/IF**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

This gene encodes a protein belonging to the 14-3-3 family of proteins, members of which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals. The encoded protein has been shown to interact with RAF1 and CDC25 phosphatases, suggesting that it may play a role in linking mitogenic signaling and the cell cycle machinery. Two transcript variants, which encode the same protein, have been identified for this gene. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human 14-3-3 alpha/beta

Gene ID

7529

Swiss Prot

P31946

Synonyms

HS1; GW128; YWHAA; KCIP-1; HEL-S-1

Reactivity

Human, Mouse, Rat

Application

WB, IHC, ICC/IF

Calculated MW

28 kDa

Observed MW

28 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR32331

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Concentration

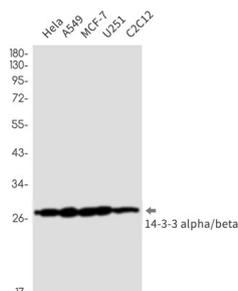
1 mg/mL

Formulation

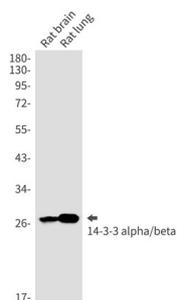
PBS Only

Storage Stability

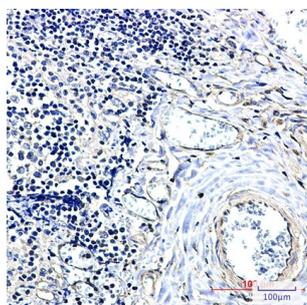
Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



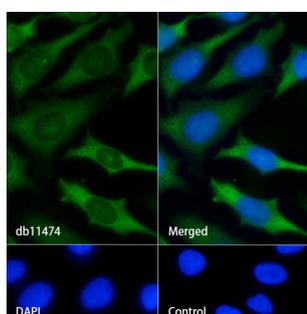
Western blot detection of 14-3-3 alpha/beta in HeLa, A549, MCF-7, U251, C2C12 cell lysates using 14-3-3 alpha/beta antibody (1:1000 diluted).



Western blot detection of 14-3-3 alpha/beta in Rat brain, Rat lung tissue lysates using NQO1 antibody (1:1000 diluted)



Immunohistochemical analysis of paraffin-embedded human tonsil using db11474 antibody.



Immunofluorescence analysis of HeLa cells labelling 14-3-3 alpha/beta with db11474.

The cells were fixed with cold 100% methanol (10min, 4°C) 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 db11474 (1:200) 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.