

Recombinant

DGRmAb®

## HDAC2 (DGR14022) Rabbit mAb (PBS Only)

db15456-PBS

Package : 10µg 100µg

**Product Name** : HDAC2 (DGR14022) Rabbit mAb (PBS Only)**Cat.No.:** db15456-PBS**Synonyms** : HD2; RPD3; YAF1**Application** : WB, IHC, ICC/IF, FC, IP**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**Background**

This gene product belongs to the histone deacetylase family. Histone deacetylases act via the formation of large multiprotein complexes, and are responsible for the deacetylation of lysine residues at the N-terminal regions of core histones (H2A, H2B, H3 and H4). This protein forms transcriptional repressor complexes by associating with many different proteins, including YY1, a mammalian zinc-finger transcription factor. Thus, it plays an important role in transcriptional regulation, cell cycle progression and developmental events. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2010]

**Immunogen**

A synthetic peptide of human HDAC2

**Gene ID**

3066

**Swiss Prot**

Q92769

**Synonyms**

HD2; RPD3; YAF1

**Reactivity**

Human, Mouse, Rat

**Application**

WB, IHC, ICC/IF, FC, IP

**Calculated MW**

55 kDa

**Observed MW**

60 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR14022

**Isotype**

IgG

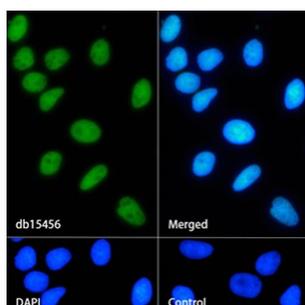
**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

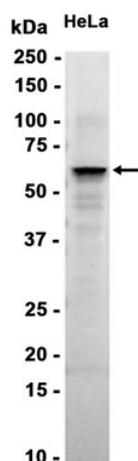
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Immunofluorescence analysis of HeLa cells labelling HDAC2 with [db15456](#).

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 [db15456](#) (1:200) at room temperature 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.



Western blot analysis of extracts from HeLa cells using [db15456](#) at 1:1000.