

Recombinant

DGRmAb®

HDAC2 (DGR14022) Rabbit mAb

db15456

Package : 10µL 20µL 50µL 100µL

Product Name : HDAC2 (DGR14022) Rabbit mAb**Cat.No.:** db15456**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

Recommended dilutionWB: 1:1000
IHC: 1:200-1:1000
ICC/IF: 1:200-1:500
FC: 1:100
IP: 1:50**Calculated MW**

55 kDa

Observed MW

60 kDa

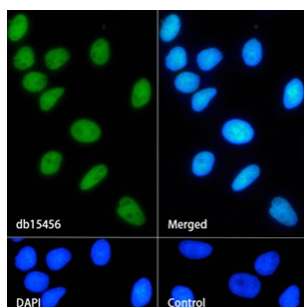
Host species

Rabbit

Clonality

Monoclonal

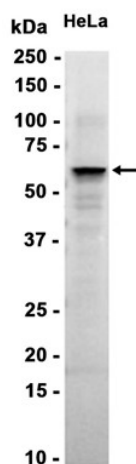
Clonality No.	DGR14022
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



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 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.



Western blot analysis of extracts from HeLa cells using db15456 at 1:1000.