

Recombinant

DGRmAb®

HDAC2 (DGR14124) Rabbit mAb

db11911

Package : 10µL 20µL 50µL 100µL

Product Name : HDAC2 (DGR14124) Rabbit mAb**Cat.No.:** db11911**Synonyms** : HD2; RPD3; YAF1**Application** : WB, IHC-P, 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

Recombinant protein of human HDAC2

Gene ID

3066

Swiss Prot

Q92769

Synonyms

HD2; RPD3; YAF1

Reactivity

Human,Mouse,Rat

Application

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

Recommended dilutionWB: 1:1000
IHC-P: 1:500-1:2000
ICC/IF: 1:500-1:1000
FC: 1:200-1:500
IP: 1:20-1:50**Calculated MW**

55 kDa

Observed MW

60 kDa

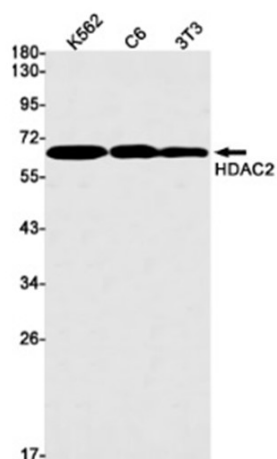
Host species

Rabbit

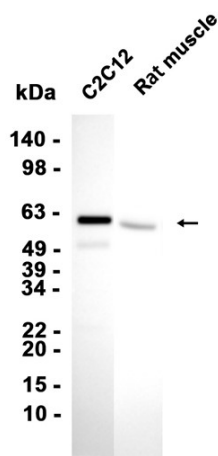
Clonality

Monoclonal

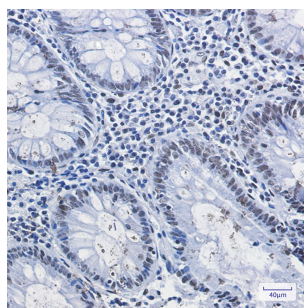
Clonality No.	DGR14124
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



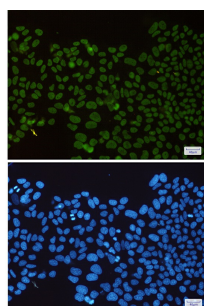
Western blot detection of HDAC2 in K562,C6,3T3 cell lysates using HDAC2 antibody(1:1000 diluted).



Western blot analysis of extracts from C2C12 cells and Rat muscle tissue using db11911 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human colon cancer using db11911 antibody.



Immunofluorescent analysis of HeLa cells using db11911 antibody (green), and DAPI (blue).

