

Recombinant

DGRmAb®

Otx2 (DGR14209) Rabbit mAb

db15386

Package : 10µL 20µL 50µL 100µL

Product Name : Otx2 (DGR14209) Rabbit mAb**Cat.No.:** db15386**Synonyms :** CPHD6; MCOPS5**Application :** WB, IHC-P, IP**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

This gene encodes a member of the bicoid subfamily of homeodomain-containing transcription factors. The encoded protein acts as a transcription factor and plays a role in brain, craniofacial, and sensory organ development. The encoded protein also influences the proliferation and differentiation of dopaminergic neuronal progenitor cells during mitosis. Mutations in this gene cause syndromic microphthalmia 5 (MCOPS5) and combined pituitary hormone deficiency 6 (CPHD6). This gene is also suspected of having an oncogenic role in medulloblastoma. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Pseudogenes of this gene are known to exist on chromosomes two and nine. [provided by RefSeq, Jul 2012]

Immunogen

A synthetic peptide of human Otx2

Gene ID

5015

Swiss Prot

P32243

Synonyms

CPHD6; MCOPS5

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, IP

Recommended dilution

WB: 1:1000-1:5000

IHC-P: 1:100

IP: 1:20-1:50

Calculated MW

32 kDa

Observed MW

32, 34 kDa

Host species

Rabbit

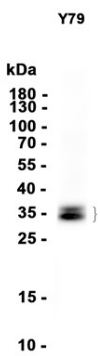
Clonality

Monoclonal

Clonality No.

DGR14209

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 Y-79 cells using db15386 at 1:1000.