

Recombinant

DGRmAb®

Otx2 (DGR32363) Rabbit mAb (PBS Only)

db13507-PBS

Package : 10µg 100µg

Product Name : Otx2 (DGR32363) Rabbit mAb (PBS Only)**Cat.No.:** db13507-PBS**Synonyms** : CPHD6; MCOPS5**Application** : WB**Reactivity** : Human**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

Application

WB

Calculated MW

32 kDa

Observed MW

32 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR32363

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 analysis of extracts from Y-79 cells using [db13507](#) at 1:1000.

