

Recombinant

DGRmAb®

## Otx2 (DGR14209) Rabbit mAb (PBS Only)

db15386-PBS

Package : 100µg

**Product Name** : Otx2 (DGR14209) Rabbit mAb (PBS Only)**Cat.No.:** db15386-PBS**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

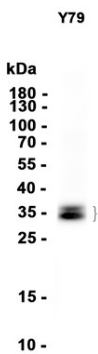
**Clonality**

Monoclonal

**Clonality No.**

DGR14209

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
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 [db15386](#)