Recombinant DGRmAb®

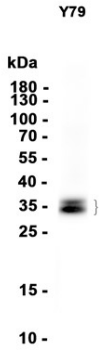
Otx2 (DGR14209) Rabbit mAb

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.