

Recombinant

DGRmAb®

## SOX2 (DGR13789) Rabbit mAb

db15498

Package : 10µL 20µL 50µL 100µL

**Product Name :** SOX2 (DGR13789) Rabbit mAb**Cat.No.:** db15498**Synonyms :** ANOP3; MCOPS3**Application :** WB, IHC-P, ICC/IF**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

This intronless gene encodes a member of the SRY-related HMG-box (SOX) family of transcription factors involved in the regulation of embryonic development and in the determination of cell fate. The product of this gene is required for stem-cell maintenance in the central nervous system, and also regulates gene expression in the stomach. Mutations in this gene have been associated with optic nerve hypoplasia and with syndromic microphthalmia, a severe form of structural eye malformation. This gene lies within an intron of another gene called SOX2 overlapping transcript (SOX2OT). [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human SOX2

**Gene ID**

6657

**Swiss Prot**

P48431

**Synonyms**

ANOP3; MCOPS3

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF

**Recommended dilution**WB: 1:1000  
IHC-P: 1:100  
ICC/IF: 1:100**Calculated MW**

34 kDa

**Observed MW**

37 kDa

**Host species**

Rabbit

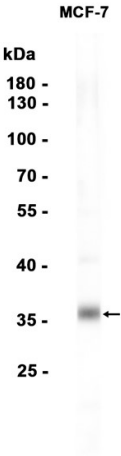
**Clonality**

Monoclonal

**Clonality No.**

DGR13789

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 MCF-7 cells using db15498 at 1:1000.