

Recombinant

DGRmAb®

SOX2 (DGR18187) Rabbit mAb

db16528

Package : 10µL 20µL 50µL 100µL

Product Name : SOX2 (DGR18187) Rabbit mAb**Cat.No.:** db16528**Synonyms :** ANOP3; MCOPS3; Transcription factor SOX-2**Application :** WB, IHC-P, ICC/IF, FC**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; Transcription factor SOX-2

Reactivity

Human, Mouse, Rat

Application

WB, IHC-P, ICC/IF, FC

Recommended dilution

WB: 1:1000

IHC-P: 1:200-1:500

ICC/IF: 1:200

FC: 1:500-1:1000

Calculated MW

34 kDa

Observed MW

37 kDa

Host species

Rabbit

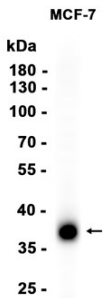
Clonality

Monoclonal

Clonality No.

DGR18187

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 db16528 at 1:100.