

Recombinant

DGRmAb®

BMAL1 (DGR20694) Rabbit mAb

db11217

Package : 10µL 20µL 50µL 100µL

Product Name : BMAL1 (DGR20694) Rabbit mAb**Cat.No.:** db11217**Synonyms** : MOP3; Arnt3; Arntl; BMAL1b; bHLHe5; bmal1b**Application** : WB, IP**Reactivity** : Mouse,Rat**Host species** : Rabbit**Background**

The protein encoded by this gene is a basic helix-loop-helix protein that forms a heterodimer with Clock. This heterodimer binds E-box enhancer elements upstream of Period (Per1, Per2, Per3) and Cryptochrome (Cry1, Cry2) genes and activates transcription of these genes. Per and Cry proteins heterodimerize and repress their own transcription by interacting in a feedback loop with Clock/Arntl complexes. Defects in this gene have been linked to infertility, problems with gluconeogenesis and lipogenesis, and altered sleep patterns. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2014]

Immunogen

A synthetic peptide of mouse BMAL1

Gene ID

11865, 29657

Swiss Prot

Q9WTL8, Q9EPW1

Synonyms

MOP3; Arnt3; Arntl; BMAL1b; bHLHe5; bmal1b

Reactivity

Mouse,Rat

Application

WB, IP

Recommended dilutionWB: 1:1000
IP: 1:20-1:50**Calculated MW**

70 kDa

Observed MW

78 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR20694

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.