

Recombinant

DGRmAb®

CABP1 (DGR36044) Rabbit mAb

db16279

Package : 10µL 20µL 50µL 100µL

Product Name : CABP1 (DGR36044) Rabbit mAb**Cat.No.:** db16279**Synonyms :** CALBRAIN; HCALB_BR**Application :** WB**Reactivity :** Human, Mouse**Host species :** Rabbit**Background**

Calcium binding proteins are an important component of calcium mediated cellular signal transduction. This gene encodes a protein that belongs to a subfamily of calcium binding proteins which share similarity to calmodulin. The protein encoded by this gene regulates the gating of voltage-gated calcium ion channels. This protein inhibits calcium-dependent inactivation and supports calcium-dependent facilitation of ion channels containing voltage-dependent L-type calcium channel subunit alpha-1C. This protein also regulates calcium-dependent activity of inositol 1,4,5-triphosphate receptors, P/Q-type voltage-gated calcium channels, and transient receptor potential channel TRPC5. This gene is predominantly expressed in retina and brain. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2012]

Immunogen

A synthetic peptide of Human CABP1

Gene ID

9478

Swiss Prot

Q9NZU7

Synonyms

CALBRAIN; HCALB_BR

Reactivity

Human, Mouse

Application

WB

Recommended dilution

WB: 1:1000-1:5000

Calculated MW

40 kDa

Observed MW

40 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR36044

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.