

14020

BMAL1 (D2L7G) Rabbit mAb



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| Applications: W, IP, ChIP | Reactivity: H M R | Sensitivity: Endogenous | MW (kDa): 78 | Source/Isotype: Rabbit IgG | UniProt ID: #000327 | Entrez-Gene Id 406 |
|-------------------------------------|----------------------|---|------------------------|--------------------------------------|-----------------------------|-----------------------|
| Product Usage Information | | For optimal ChIP results, use 10 μ l of antibody and 10 μ g of chromatin (approximately 4 x 10 ⁶ cells) per IP. This antibody has been validated using SimpleChIP [®] Enzymatic Chromatin IP Kits. | | | | |
| | | Application Western Blotting Immunoprecipitation Chromatin IP | | | Dilution 1:1000 1:50 | |
| Storage | | Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. <i>Do not aliquot the antibody.</i> | | | | |
| Specificity/Sensitivity | | BMAL1 (D2L7G) Rabbit mAb recognizes endogenous levels of total BMAL1 protein. | | | | |
| Source / Purification | | Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Gly552 of human BMAL1 protein. | | | | |
| Background | | | | | | |
| Background Ref | erences | Albrecht, U. and Eichele, G. (2003) Curr Opin Genet Dev 13, 271-7. Virshup, D.M. et al. (2007) Cold Spring Harb Symp Quant Biol 72, 413-20. Doi, M. et al. (2006) Cell 125, 497-508. Kondratov, R.V. et al. (2003) Genes Dev 17, 1921-32. Kwon, I. et al. (2006) Mol Cell Biol 26, 7318-30. | | | | |

Species Reactivity

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

Western Blot Buffer

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.

Applications Key

W: Western Blotting IP: Immunoprecipitation ChIP: Chromatin IP

Cross-Reactivity Key H: Human M: Mouse R: Rat

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