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Datasheet for ABIN6977999

anti-PER3 antibody (AA 101-200) (Alexa Fluor 488)

Overview

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| Quantity: | 100 µL |
| Target: | PER3 |
| Binding Specificity: | AA 101-200 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This PER3 antibody is conjugated to Alexa Fluor 488 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human PER-3 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Predicted Reactivity: | Rat |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | PER3 |
| Alternative Name: | PER-3 (PER3 Products) |

Target Details

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| Background: | <p>Synonyms: 2810049O06Rik, Cell growth inhibiting gene 13 protein, Cell growth-inhibiting gene 13 protein, Circadian clock protein PERIOD 3, GIG13, gPER3, HGNC:8847, hPER3, mPer3, Per3, PER3_HUMAN, Period circadian protein homolog 3, Period homolog 3 (Drosophila), Period homolog 3, Period homolog 3, Drosophila, Period3.</p> <p>Background: This gene is a member of the Period family of genes and is expressed in a circadian pattern in the suprachiasmatic nucleus, the primary circadian pacemaker in the mammalian brain. Genes in this family encode components of the circadian rhythms of locomotor activity, metabolism, and behavior. Circadian expression in the suprachiasmatic nucleus continues in constant darkness, and a shift in the light/dark cycle evokes a proportional shift of gene expression in the suprachiasmatic nucleus. The specific function of this gene is not yet known. [provided by RefSeq, Jul 2008]</p> |
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| Gene ID: | 8863 |
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| UniProt: | P56645 |
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Application Details

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| Application Notes: | IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 |
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| Restrictions: | For Research Use only |
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Handling

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| Format: | Liquid |
| Concentration: | 1 µg/µL |
| Buffer: | Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol. |
| Preservative: | ProClin |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |