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Datasheet for ABIN6978860

anti-PER3 antibody (AA 101-200) (Alexa Fluor 555)

Overview

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 555
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

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

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

Target Details

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

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

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