

<b>Cat. No:</b>	AB-84823
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100 ug
<b>Clone:</b>	POLY
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	Recombinant fusion protein corresponding to aa. 1-200 of Human PER1 (NP_002607.2).
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Applications:</b>	Western Blot: 1:500 - 1:2000 Immunohistochemistry(paraffin-mbedded tissues): 1:50 - 1:200; Immunofluorescence: 1:50 - 1:200
<b>Molecular Weight:</b>	160 kDa
<b>Purification:</b>	Immunogen affinity purified
<b>Synonyms:</b>	Period circadian protein homolog 1 (hPER1) Circadian clock protein PERIOD 1 Circadian pacemaker protein Rigiui PER1 KIAA0482 PER RIGUI
<b>Background:</b>	<p>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. This gene is upregulated by CLOCK/ARNTL heterodimers but then represses this upregulation in a feedback loop using PER/CRY heterodimers to interact with CLOCK/ARNTL. Polymorphisms in this gene may increase the risk of getting certain cancers. Alternative splicing has been observed in this gene; however, these variants have not been fully described.</p>
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.02% sodium azide and 50% glycerol pH7.3.
<b>Storage:</b>	Store at -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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