

Rabbit anti-Human Per2 Polyclonal Antibody | anti-PER2 antibody

Per2

CATALOG # AAA36988	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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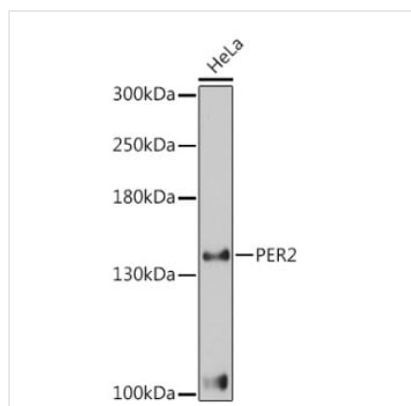
PRODUCT SYNONYMS

Per2; Polyclonal Antibody; PER2; FASPS; FASPS1; anti-PER2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Sequence Length	1255
Applicable Applications for anti-PER2 antibody	WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human PER2 (NP_073728.1).
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of HeLa, using PER2 antibody (AAA36988) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-PER2 antibody	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 and have been linked to sleep disorders.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12707562
NCBI GeneID	8864
NCBI Accession #	NP_073728.1
NCBI GenBank Nucleotide #	NM_022817.2
UniProt Accession #	O15055; Q4ZG49; Q9UQ45; A2I2P7
Molecular Weight	Observed MW: 136kDa Calculated: MW45kDa/136kDa
NCBI Official Full Name	period circadian protein homolog 2
NCBI Official Synonym Full Names	period circadian clock 2
NCBI Official Symbol	PER2
NCBI Official Synonym Symbols	FASPS; FASPS1
NCBI Protein Information	period circadian protein homolog 2; hPER2; period 2; period homolog 2; period circadian protein 2; circadian clock protein PERIOD 2
UniProt Protein Name	Period circadian protein homolog 2
UniProt Gene Name	PER2
UniProt Synonym Gene Names	KIAA0347; hPER2
UniProt Entry Name	PER2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.