

Rabbit PER2 Polyclonal Antibody | anti-PER2 antibody

PER2 antibody - middle region

CATALOG # AAA23466	HOST Rabbit	REACTIVITY Horse, Human, Mouse, Rat	APPLICATIONS Western Blot
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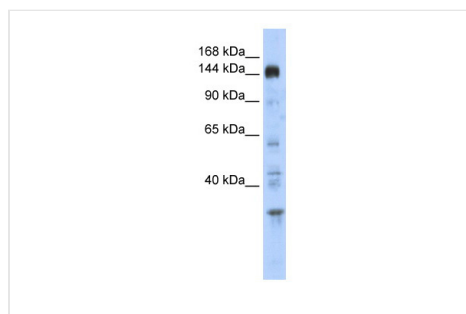
PRODUCT SYNONYMS

PER2; Polyclonal Antibody; PER2 antibody - middle region; anti-PER2 antibody

PRODUCT SPECIFICATIONS

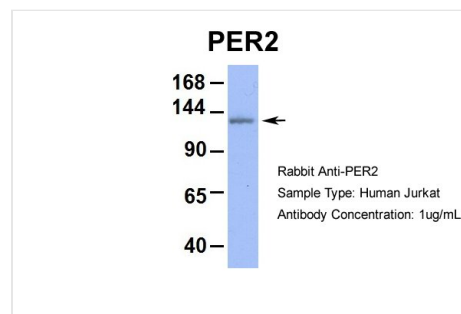
Host	Rabbit
Reactivity	Horse, Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: VA ECVYCENKEK GNICIPYEED IPSLGLSEVS DTKEDENGSP LNHRIEEQ
Sequence Length	1255
Applicable Applications for anti-PER2 antibody	WB (Western Blot)
Homology	Horse: 79%; Human: 100%; Mouse: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PER2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



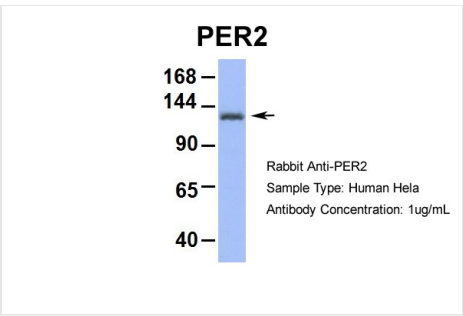
WB (Western Blot)

WB Suggested Anti-PER2 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:12500
Positive Control: Human Placenta

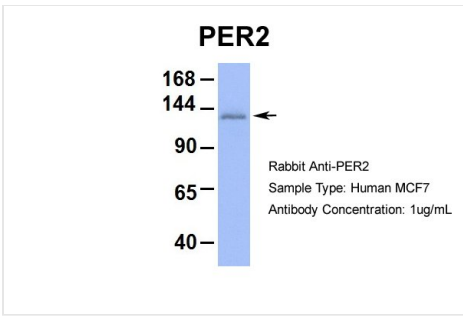


WB (Western Blot)

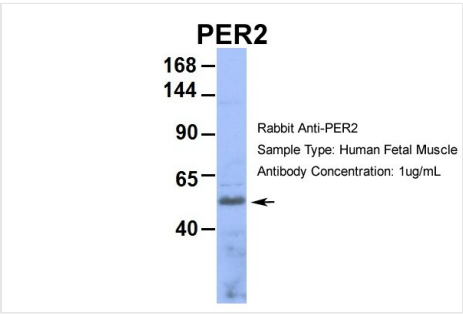
Host: Rabbit
Target Name: PER2
Sample Type: Human Jurkat
Antibody Dilution: 1.0ug/mL
PER2 is supported by BioGPS gene expression data to be expressed in Jurkat



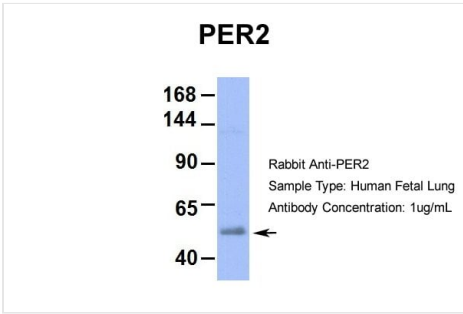
WB (Western Blot)
Host: RabbitTarget Name: PER2Sample Type: Human HeLaAntibody Dilution: 1.0ug/ml



WB (Western Blot)
Host: RabbitTarget Name: PER2Sample Type: Hum. MCF7Antibody Dilution: 1.0ug/mlPER2 is supported by BioGPS gene expression data to be expressed in MCF7



WB (Western Blot)
Host: RabbitTarget Name: PER2Sample Type: Hum. Fetal MuscleAntibody Dilution: 1.0ug/ml



WB (Western Blot)
Host: RabbitTarget Name: PER2Sample Type: Hum. Fetal LungAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-PER2 antibody	This is a rabbit polyclonal antibody against PER2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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.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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-PER2 antibody	Polyclonal; Transcription Regulation; Chromatin & Nuclear Signaling; Various; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	12707562
NCBI GeneID	8864
NCBI Accession #	NP_073728
NCBI GenBank Nucleotide #	NM_022817
UniProt Accession #	O15055
Molecular Weight	136kDa
NCBI Official Full Name	period circadian protein homolog 2

NCBI Official Synonym Full Names	period circadian regulator 2
NCBI Official Symbol	PER2
NCBI Official Synonym Symbols	FASPS; FASPS1
NCBI Protein Information	period circadian protein homolog 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/per2-antibody-western-blot-elisa/23466>