

Rabbit PER2 Polyclonal Antibody | anti-PER2 antibody

PER2 Polyclonal Antibody

CATALOG # AAA170501	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, ELISA
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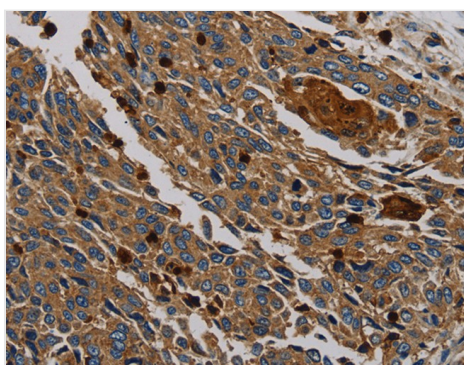
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

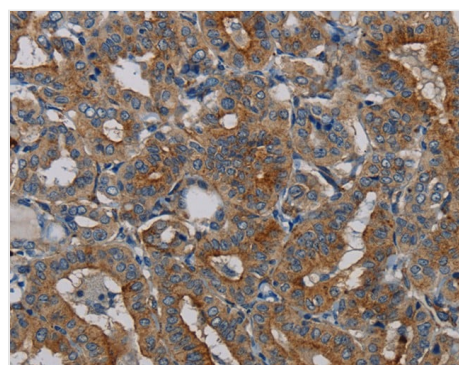
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	2.9mg/mL (varies by lot)
Sequence Length	1255
Applicable Applications for anti-PER2 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Synthetic peptide of human PER2
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer tissue using PER2 Polyclonal Antibody at dilution 1:50



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PER2 Polyclonal Antibody at dilution 1:50

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
Molecular Weight	45,175 Da
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; circadian clock protein PERIOD 2; hPER2; period 2; period circadian protein 2; period 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.