

anti-Human, Mouse Period Circadian Protein 2 Antibody | anti-Per2 antibody

Period Circadian Protein 2 (Phospho-Ser662) Antibody

CATALOG # AAA109688	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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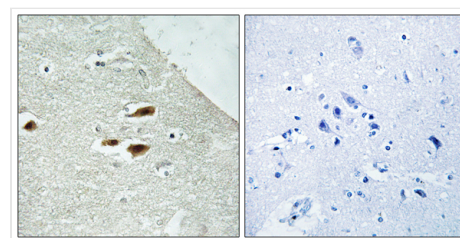
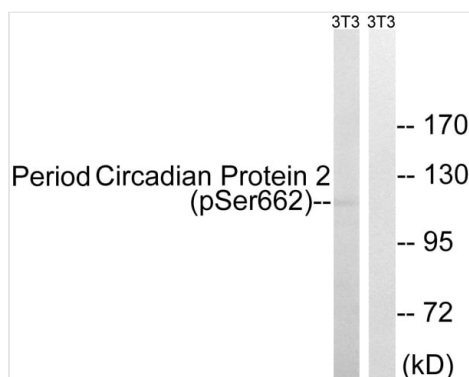
PRODUCT SYNONYMS

Period Circadian Protein 2; Period Circadian Protein 2 (Phospho-Ser662) Antibody; hPER2; KIAA0347; Period circadian protein 2; anti-Per2 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	Period Circadian Protein 2 (Phospho-Ser662) antibody detects endogenous levels of Period Circadian Protein 2 only when phosphorylated at serine 662.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1255
Applicable Applications for anti-Per2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Period Circadian Protein 2 around the phosphorylation site of serine 662 (A-E-SP-V-A).
All Sites	Human: Ser662 Mouse: Ser659
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using Period Circadian Protein 2 (Phospho-Ser662) antibody. Western blot analysis of extracts from 3T3 cells, treated with PMA (125ng/ml, 30mins), using Period Circadian Protein 2 (Phospho-Ser662) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-Per2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Ikeda M., Submitted (MAR-1998) to the EMBL/GenBank/DDBJ databases. Camacho F., FEBS Lett. 489:159-165(2001). Nagase T., DNA Res. 4:141-150(1997).

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; Q6DT41; Q9UQ45; A2I2P7
Molecular Weight	45,175 Da
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

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.

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Online datasheet: <https://stage.aaabiotech.com/per2-human-mouse-antibody/period-circadian-protein-2/109688>