

Rabbit anti-Human, Mouse PER2 Polyclonal Antibody | anti-PER2 antibody

Phospho-PER2 (Ser662) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA243347	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot, ELISA

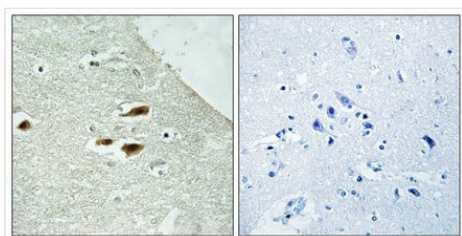
PRODUCT SYNONYMS

PER2; Polyclonal Antibody; Phospho-PER2 (Ser662) Antibody; hPER2; KIAA0347; Period circadian protein 2; anti-PER2 antibody

PRODUCT SPECIFICATIONS

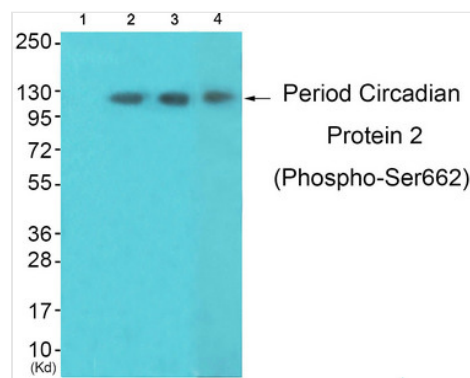
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Liquid; Rabbit IgG In Phosphate Buffered Saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% Sodium Azide and 50% Glycerol.
Applicable Applications for anti-PER2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Peptide sequence around phosphorylation site of serine 662 (A-E-S(p)-V-A) derived from Human Period Circadian Protein 2.
Immunogen Species	Human
Conjugate	Non-conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



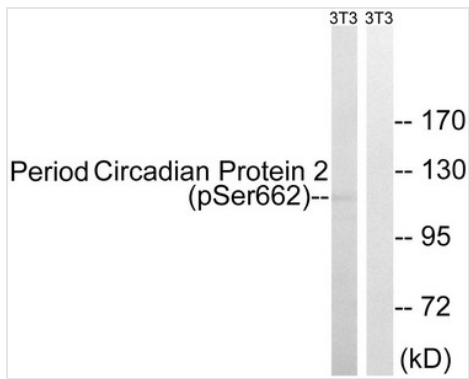
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using Period Circadian Protein 2 (Phospho-Ser662) antibody. The picture on the right is treated with the synthesized peptide.



WB (Western Blot)

Western blot analysis of extracts from 3T3L1 and HeLa cells, using Period Circadian Protein 2 (Phospho-Ser662) Antibody. The lane on the left is treated with synthesized peptide.



WB (Western Blot)

Western blot analysis of extracts from 3T3 cells, treated with PMA (125ng/ml, 30mins), using Period Circadian Protein 2 (Phospho-Ser662) antibody. The lane on the right is treated with the synthesized peptide.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PER2 antibody

Neuroscience

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	136,579 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; 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/per2-antibody-immunohistochemistry-western-blot-elisa/243347>