



Datasheet for ABIN1532777
anti-PER2 antibody (AA 636-685)



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2 Images

Overview

Quantity:	100 µg
Target:	PER2
Binding Specificity:	AA 636-685
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PER2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Period Circadian Protein 2.
Isotype:	IgG
Specificity:	Period Circadian Protein 2 Antibody detects endogenous levels of total Period Circadian Protein 2 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	PER2
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Target Details

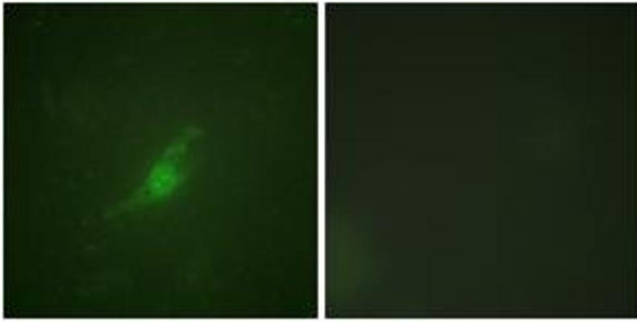
Alternative Name:	Period Circadian Protein 2 (PER2 Products)
Background:	Synonyms: KIAA0347, Period circadian protein 2, Mper2, Per2 NCBI Gene Symbol: PER2
Molecular Weight:	136 kDa
Gene ID:	8864
OMIM:	603426
UniProt:	O15055

Application Details

Application Notes:	IHC: 1:50~1:100 IF: 1:100~1:500 ELISA: 1:1000
Comment:	Unigene-Number: Hs.58756 (NCBI Gene Symbol: PER2)
Restrictions:	For Research Use only

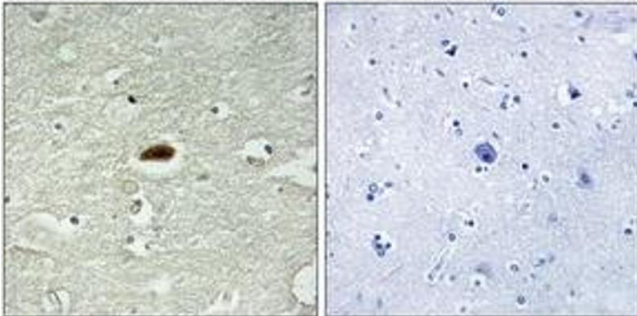
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Immunofluorescence

Image 1. Immunofluorescence analysis of NIH-3T3 cells, using Period Circadian Protein 2 (Ab-662) Antibody. The picture on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human brain tissue, using Period Circadian Protein 2 (Ab-662) Antibody. The picture on the right is treated with the synthesized peptide.