

anti- PER2 antibody

Product Information

Catalog No.:	FNab06312
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

PER2, also named as KIAA0347, is a component of the circadian clock mechanism which is essential for generating circadian rhythms. PER2 is a negative element in the circadian transcriptional loop. PER2 influences clock function by interacting with other circadian regulatory proteins and transporting them to the nucleus. It negatively regulates CLOCK|NPAS2-BMAL1|BMAL2-induced transactivation. Defects in PER2 are a cause of familial advanced sleep-phase syndrome (FASPS) which is characterized by very early sleep onset and offset.

Immunogen information

Immunogen:	period homolog 2
Synonyms:	FASPS, hPER2, KIAA0347, PER2, period homolog 2
Observed MW:	136 kDa
UniprotID :	O15055

Application

Reactivity:	Human, Mouse
Tested Application:	ELISA, WB, IP

Wuhan Fine Biotech Co., Ltd.

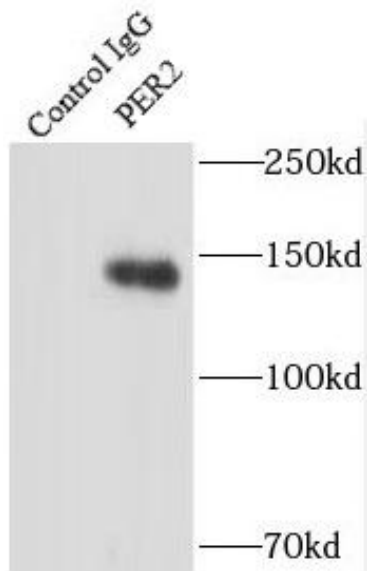
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Tel : (0086)027-87384275

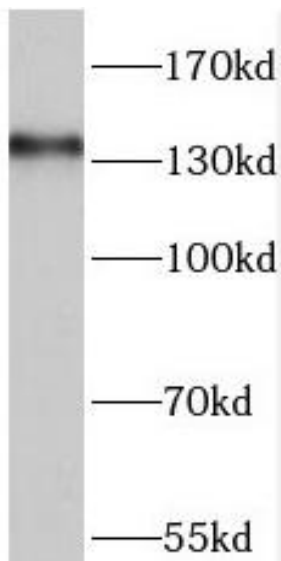
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Recommended dilution: WB: 1:500-1:2000; IP: 1:200-1:1000

Image:



IP Result of anti-PER2 (IP:FNab06312, 3ug;
Detection:FNab06312 1:300) with HEK-293 cells
lysate 1000ug.



BxPC-3 cells were subjected to SDS PAGE
followed by western blot with FNab06312(PER2
antibody) at dilution of 1:600

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