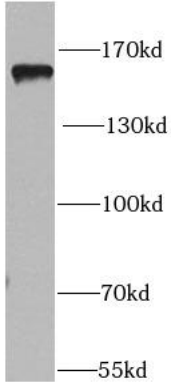
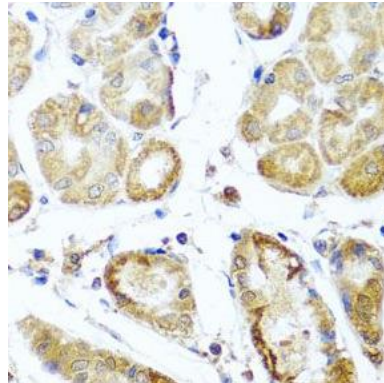


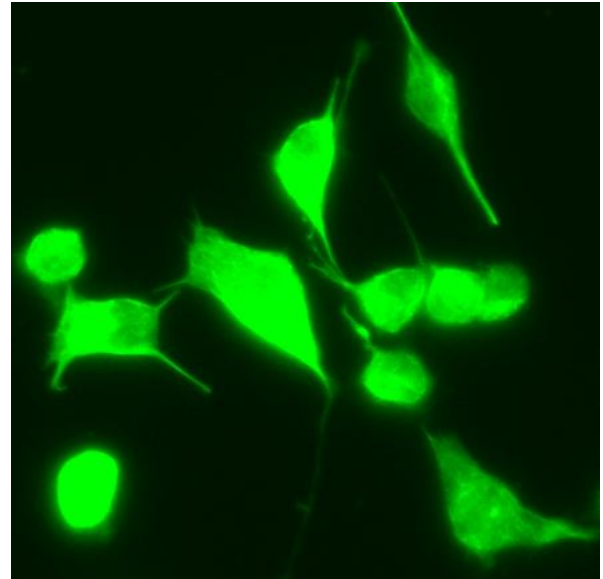
Product name:	PER1 Rabbit Polyclonal Antibody
Cat number:	AB-84823
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Recombinant fusion protein corresponding to aa. 1-200 of Human PER1 (NP_002607.2).
Reactivity:	Human, Mouse, Rat
Applications:	Western Blot: 1:500 - 1:2000 Immunohistochemistry(paraffin-mbedded tissues): 1:50 - 1:200; Immunofluorescence: 1:50 - 1:200
Molecular Weight:	160 kDa
Purification:	Immunogen affinity purified
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide and 50% glycerol pH7.3.
Storage:	Store at -20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Background:	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. Alternative splicing has been observed in this gene; however, these variants have not been fully described.



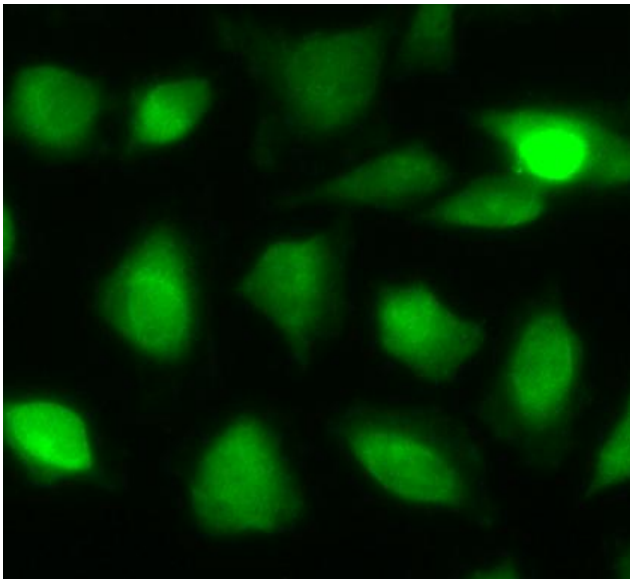
mouse brain tissue were subjected to SDS PAGE followed by western blot with (PER1 antibody) at dilution of 1:1000



Immunohistochemistry of paraffin-embedded human stomach using (PER1 Antibody) at dilution of 1:100



Immunofluorescence analysis of NIH/3T3 cells using (PER1 Antibody) at dilution of 1:100



Immunofluorescence analysis of HeLa cells using (PER1 Antibody) at dilution of 1:100