
Product Name: PER2 Rabbit Monoclonal Antibody**Catalog #: AMRe86478**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,FC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:5000,ICC/IF 1:50-1:200,FC 1:20-1:200
Molecular Weight	Calculated MW:137 kDa; Observed MW:137 kDa

Antigen Information

Gene Name	PER2
Alternative Names	FASPS; FASPS1
Gene ID	8864
SwissProt ID	O15055
Immunogen	A synthetic peptide of human PER2

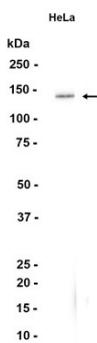
Background

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

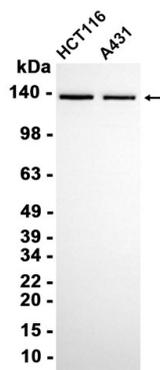
locomotor activity, metabolism, and behavior. This gene is upregulated by CLOCK/ARNTL heterodimers but then represses this upregulation in a feedback loop using PER/CRY heterodimers to interact with CLOCK/ARNTL. Polymorphisms in this gene may increase the risk of getting certain cancers and have been linked to sleep disorders. [provided by RefSeq, Jan 2014]

Research Area

Image Data



Western blot analysis of extracts from HeLa cells using PER2 Rabbit Monoclonal Antibody at 1:1000.



Western blot analysis of extracts from HCT116 , A431 cells using AMRe86478 at 1:3000.