PER2 Polyclonal Antibody

Catalog No. E-AB-16700

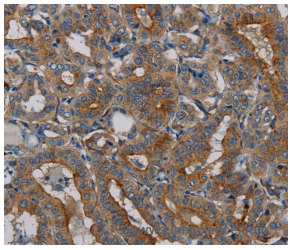
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

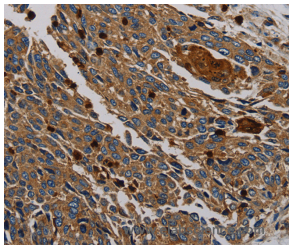
Reactivity	Human
Immunogen	Synthetic peptide of human PER2
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications	Recommended Dilution
IHC	1:100-1:300

Data



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PER2 Polyclonal Antibody at dilution 1:50



Immunohistochemistry of paraffin-embedded Human lung cancer tissue using PER2 Polyclonal Antibody at dilution 1:50

Preparation & Storage

Storage	Store at -20℃. Avoid 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 and have been linked to sleep disorders.

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