

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

PER3 RABBIT PAB

Cat.#: S219095

Product Name: Anti-PER3 Rabbit Polyclonal Antibody

Synonyms: GIG13; FASPS3

UNIPROT ID: P56645 (Gene Accession - BC026102)

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 have been linked to sleep disorders. Multiple transcript variants encoding different isoforms have been found for this gene.

Immunogen: Fusion protein of human PER3

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-300; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

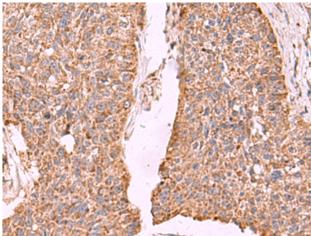
Research Areas: Epigenetics and Nuclear Signaling, Cardiovascular

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

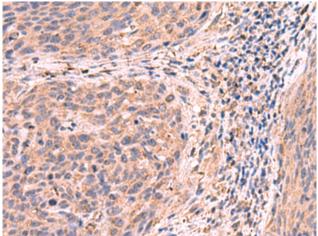


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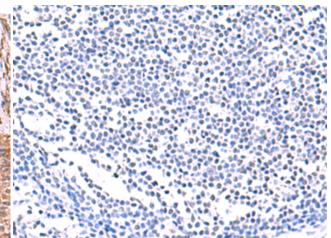
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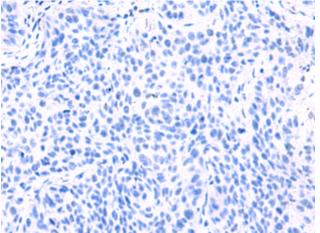
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 219095(PER3 Antibody) at a dilution of 1/55(Cytoplasm).



The image on the left is immunohistochemistry of paraffinembedded Human cervical cancer tissue using 219095(Anti-PER3 Antibody) at a dilution protein and then with D225821(Anti-PER3 of 1/55.



In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the fusion protein and then with 219095(Anti-PER3 Antibody) at dilution 1/55.



In comparision with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with fusion Antibody) at dilution 1/55.