Rabbit PER3 Polyclonal Antibody | anti-PER3 antibody

PER3 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA176575	**Rabbit**	**Human, Mouse, Rat**	**ELISA, Immunohistochemistry**

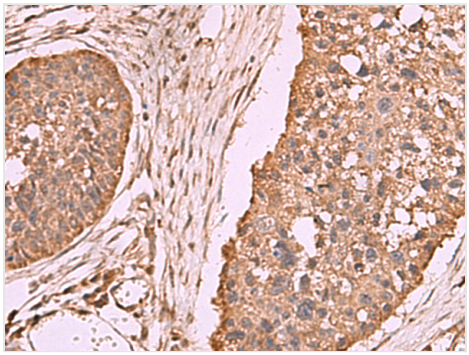
PRODUCT SYNONYMS

PER3; Polyclonal Antibody; PER3 Polyclonal Antibody; 2810049O06Rik; Cell growth inhibiting gene 13 protein; Cell growth-inhibiting gene 13 protein; Circadian clock protein PERIOD 3; GIG13; GPER3; Growth inhibiting protein 13; HGNC:8847; HPER3; MPer3; Per3; Period 3; Period circadian clock 3; Period circadian protein 3; Period circadian protein homolog 3; Period homolog 3 (Drosophila); Period homolog 3; Drosophila; Period3; anti-PER3 antibody

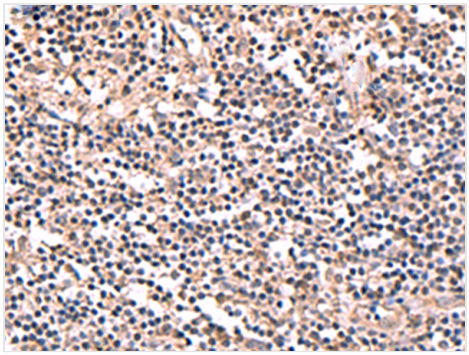
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Concentration	1.2mg/mL (varies by lot)
Sequence Length	1201
Applicable Applications for anti-PER3 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Fusion protein of human PER3
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using PER3 Polyclonal Antibody at dilution of 1:70(×200



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human tonsil tissue using PER3 Polyclonal Antibody at dilution of 1:70(×200

ADDITIONAL INFORMATION

Related Product Information for anti-PER3 antibody	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.
Product Categories/Family for anti-PER3 antibody	Cancer; Cardiovascular; Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	317373535
NCBI GeneID	8863
UniProt Accession #	P56645
NCBI Official Full Name	Period circadian protein homolog 3
NCBI Official Synonym Full Names	period circadian regulator 3
NCBI Official Symbol	PER3
NCBI Official Synonym Symbols	GIG13; FASPS3
NCBI Protein Information	period circadian protein homolog 3
UniProt Protein Name	Period circadian protein homolog 3
UniProt Gene Name	**PER3**
UniProt Synonym Gene Names	hPER3
UniProt Entry Name	PER3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/per3-antibody-immunohistochemistry-elisa/176575