

Cry2 Antibody

Catalog No: #SAB028

Package Size: #SAB028 50ul



Description

Product Name	Cry2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	Custom antibody
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Conjugates	Unconjugated
Target Name	Cry2
Other Names	Cryptochrome-2
Accession No.	uniprot:Q49AN0
Calculated MW	67kDa
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Western blotting: 1:500~1:1000

Background

Transcriptional repressor which forms a core component of the circadian clock. The circadian clock, an internal time-keeping system, regulates various physiological processes through the generation of approximately 24 hour circadian rhythms in gene expression, which are translated into rhythms in metabolism and behavior. It is derived from the Latin roots 'circa' (about) and 'diem' (day) and acts as an important regulator of a wide array of physiological functions including metabolism, sleep, body temperature, blood pressure, endocrine, immune, cardiovascular, and renal function.

Published Papers

el at., Penpulimab, an anti-PD-1 antibody, for heavily pretreatedmetastatic nasopharyngeal carcinoma: a single-arm phaseII study. In Signal Transduct Target Ther on 2024 Jun 19 by Xiaozhong Chen, Wei Wang,et al..PMID:38890298, , (2024)
[PMID:38890298](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.