

CRY1 Antibody

Catalog No: #21414



Package Size: #21414-1 50ul #21414-2 100ul #21414-4 25ul

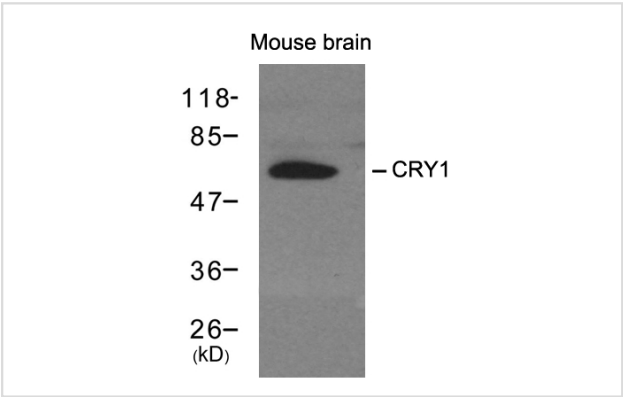
Overview

Product Name	CRY1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB
Species Reactivity	Mouse
Immunogen Type	Peptide-KLH
Target Name	CRY1
Alternative Names	PHLL1

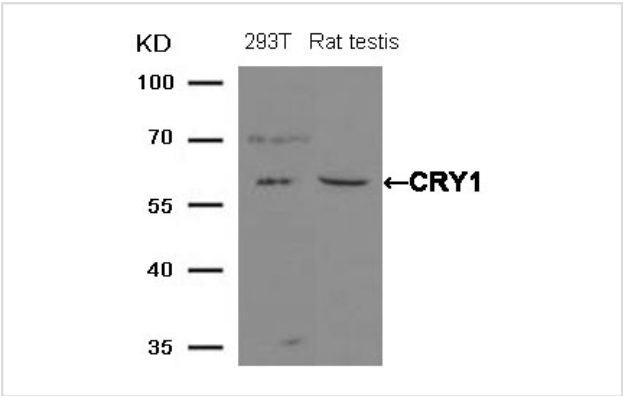
Application Details

Predicted MW: 60kd
Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from mouse brain tissue using CRY1 antibody #21414.



Western blot analysis of extracts from 293T cells and Rat testis tissue using CRY1 Antibody #21414.

Descriptions

Immunogen Peptide sequence around aa.551~555 (S-Q-G-S-G) derived from Human CRY1.

Specificity	The antibody detects endogenous level of total CRY1 protein.
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), 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.
Accession NO.	Swiss-Prot: Q16526NCBI Protein: NP_031797.1

Related Information

Blue light-dependent regulator of the circadian feedback loop. Inhibits CLOCK|NPAS2-ARNTL E box-mediated transcription. Acts, in conjunction with CRY2, in maintaining period length and circadian rhythmicity. Has no photolyase activity. Capable of translocating circadian clock core proteins such as PER proteins to the nucleus. May inhibit CLOCK|NPAS2-ARNTL transcriptional activity through stabilizing the unphosphorylated form of ARNTL

Morioka N,et al. (2010) J Pharmacol Sci.113(3):234-45.

Fonseca F,et al. (2010) Mol Diagn Ther.14(3):171-8.

Stratmann M,et al.(2010) Genes Dev.24(12):1317-28.

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