

Rabbit CRY1 Polyclonal Antibody | anti-CRY1 antibody

CRY1 antibody - N-terminal region

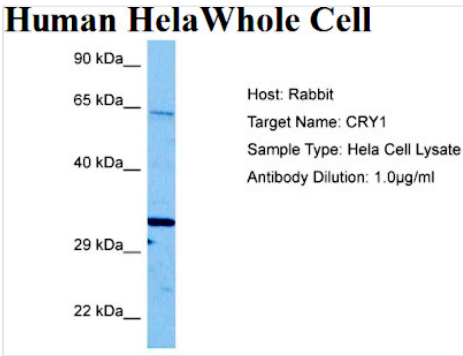
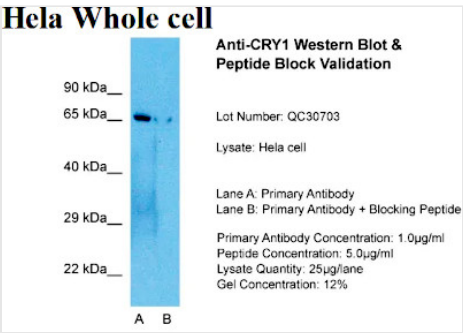
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200964	Rabbit	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

CRY1; Polyclonal Antibody; CRY1 antibody - N-terminal region; PER2; FBXL3; FBXL21; PLSCR1; BTRC; CUL1; SKP1; CSNK1E; LTBP4; UBC; SNRPD3; GRN; USP2; Timeless; Cry1; KRTAP4-12; PER3; MDFI; CBLB; ARNTL; PER1; TRAF2;; anti-CRY1 antibody

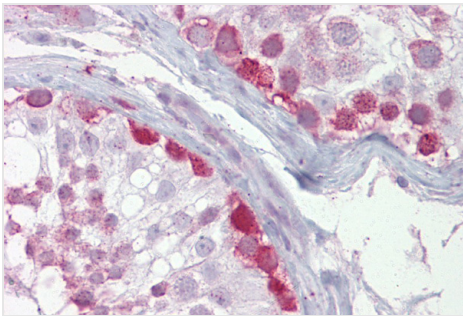
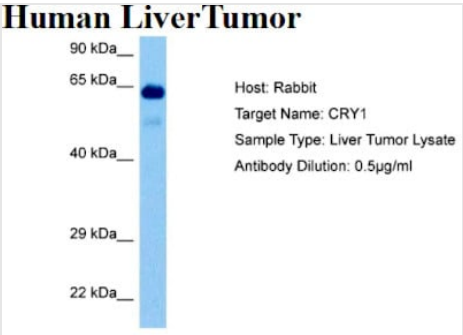
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following region: KR FQTLISKMEP LEIPVETITS EVIEKCTTPL SDDHDEKYGV PSLEELGF
Sequence Length	586 amino acids
Applicable Applications for anti-CRY1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Sheep: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CRY1
Protein Size (# AA)	586 amino acids
Blocking Peptide	For anti-CRY1 antibody is Catalog # .
Protein Interactions	PER2; FBXL3; FBXL21; PLSCR1; BTRC; CUL1; SKP1; CSNK1E; LTBP4; UBC; SNRPD3; GRN; USP2; Timeless; Cry1; KRTAP4-12; PER3; MDFI; CBLB; ARNTL; PER1; TRAF2;
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Host: RabbitTarget Name: CRY1Sample Type: Hela Whole cellLane A: Primary Antibody ;
Lane B: Primary Antibody + Blocking PeptidePrimary Antibody Concentration: 1ug/mlPeptide
Concentration: 5ug/mlLysate Quantity: 25ug/laneGel Concentration: 0.12%

WB (Western Blot)
Host: RabbitTarget Name: CRY1Sample Tissue: Human Hela Whole CellAntibody Dilution:
1ug/ml



WB (Western Blot)
Host: RabbitTarget Name: CRY1Sample Tissue: Human Liver TumorAntibody Dilution: 1ug/ml

IHC (Immunohistochemistry)
Immunohistochemistry with Testis tissue at an antibody concentration of 5ug/ml using anti-
CRY1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CRY1 antibody	This is a rabbit polyclonal antibody against CRY1. It was validated on Western Blot Target Description: CRY1 is the blue light-dependent regulator of the circadian feedback loop. CRY1 inhibits CLOCK NPAS2-ARNTL E box-mediated transcription. CRY1 acts, in conjunction with CRY2, in maintaining period length and circadian rhythmicity. CRY1 has no photolyase activity. CRY1 is capable of translocating circadian clock core proteins such as PER proteins to the nucleus. CRY1 may inhibit CLOCK NPAS2-ARNTL transcriptional activity through stabilizing the unphosphorylated form of ARNTL.
Product Categories/Family for anti-CRY1 antibody	Polyclonal; RNA Binding Proteins; Transcription Regulation; Transcription Regulation; Immunohistochemistry; DNA Repair; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758072
NCBI GeneID	1407
NCBI Accession #	NP_004066
NCBI GenBank Nucleotide #	NM_004075
UniProt Accession #	Q16526
Molecular Weight	64kDa
NCBI Official Full Name	cryptochrome-1
NCBI Official Synonym Full Names	cryptochrome circadian regulator 1
NCBI Official Symbol	CRY1

NCBI Official Synonym Symbols	DSPD; PHLL1
NCBI Protein Information	cryptochrome-1
UniProt Protein Name	Cryptochrome-1
UniProt Gene Name	CRY1
UniProt Synonym Gene Names	PHLL1
UniProt Entry Name	CRY1_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/cry1-antibody-western-blot-immunohistochemistry-elisa/200964>