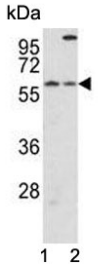
Cryptochrome 2 Antibody / CRY2 (F54841)

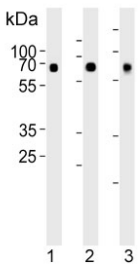
Catalog No.	Formulation	Size
F54841-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54841-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

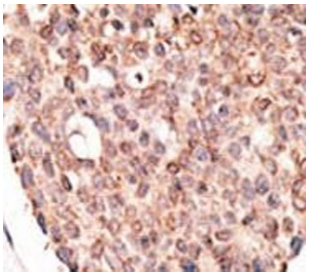
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q49AN0
Localization	Cytoplasmic, nuclear
Applications	Western blot: 1:500-1:1000 Immunohistochemistry (FFPE): 1:50-1:100
Limitations	This Cryptochrome 2 antibody is available for research use only.



Western blot testing of 1) mouse liver and 2) human HepG2 cell lysate with Cryptochrome 2 antibody. Predicted molecular weight ~67 kDa.



Western blot testing of human 1) heart, 2) skeletal muscle and 3) liver tissue lysate with Cryptochrome 2 antibody. Predicted molecular weight ~67 kDa.



IHC testing of FFPE human cancer tissue with Cryptochrome 2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

Description

Transcriptional repressor which forms a core component of the circadian clock. [UniProt]

Application Notes

The stated application concentrations are suggested starting points. Titration of the Cryptochrome 2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 564-593 from the human protein was used as the immunogen for the Cryptochrome 2 antibody.

Storage

Aliquot the Cryptochrome 2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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