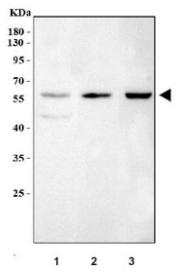
PHD finger protein 1 Antibody / PHF1 (RQ8135)

Catalog No.	Formulation	Size
RQ8135	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O43189
Applications	Western blot: 0.5-1ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This PHD finger protein 1 antibody is available for research use only.



Western blot testing of 1) rat heart, 2) mouse heart and 3) mouse C2C12 cell lysate with PHD finger protein 1 antibody. Predicted molecular weight ~62 kDa.

Description

PHD finger protein 1 is a protein that in humans is encoded by the PHF1 gene. This gene encodes a Polycomb group protein. The protein is a component of a histone H3 lysine-27 (H3K27)-specific methyltransferase complex, and functions in transcriptional repression of homeotic genes. The protein is also recruited to double-strand breaks, and reduced protein levels results in X-ray sensitivity and increased homologous recombination. Multiple transcript variants encoding different isoforms have been found for this gene.

Application Notes

Optimal dilution of the PHD finger protein 1 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids L31-H491) was used as the immunogen for the PHD finger protein 1 antibody.

Storage

After reconstitution, the PHD finger protein 1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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