

Anti-HIPK2 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

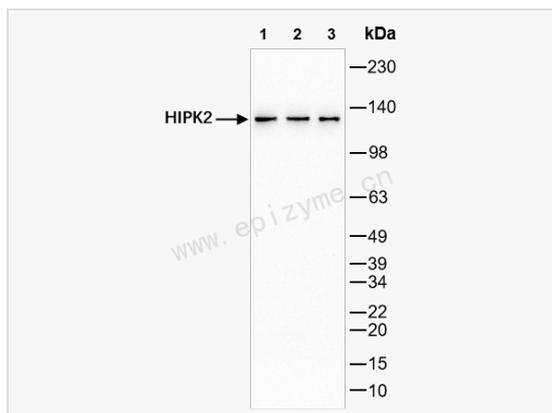
Catalog # R013279

Product Information

Application	WB, IF (Cell)/ICC, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	72L03M14
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human HIPK2
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-HIPK2 Rabbit mAb [72L03M14] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Homeodomain-interacting protein kinase 2; hHIPk2; HIPK2.
Calculated MW	Calculated MW: 131 kDa; Observed MW: 131 kDa
Uniprot ID	Q9H2X6
Gene ID	28996
Background	This gene encodes a conserved serine/threonine kinase that is a member of the homeodomain-interacting protein kinase family. The encoded protein interacts with homeodomain transcription factors and many other transcription factors such as p53, and can function as both a corepressor and a coactivator depending on the transcription factor and its subcellular localization. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2011]
Cellular Location	Nucleus.PML body.Cytoplasm.Cytoplasm.Stress granule.Concentrated in PML/POD/ND10 nuclear bodies. Small amounts are cytoplasmic.
Tissue Location	Highly expressed in heart, muscle and kidney. Weakly expressed in a ubiquitous way. Down-regulated in several thyroid and breast tumors.



Western Blot - Anti-HIPK2 Rabbit mAb [72L03M14]

All lanes: R013279 at 1:2,000 dilution

Lane 1: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 2: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 3: U87 (Human malignant glioblastoma epithelial cells) whole cell lysates

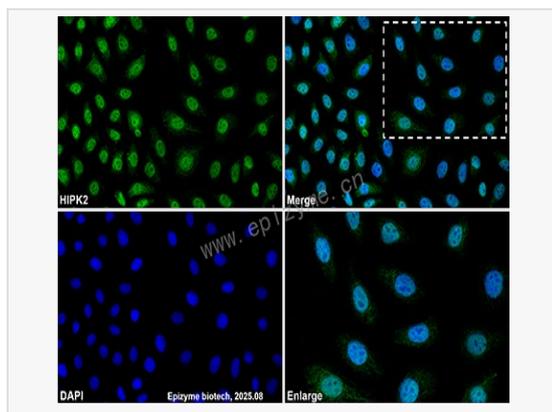
Lysates/proteins at 10 μ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 131 kDa

Observed band size: 131 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunofluorescence - Anti-HIPK2 Rabbit mAb [72L03M14]

Sample: HeLa cells

The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.5% Triton X-100 for 10 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.

Primary antibodies: R013279 at 1:100 dilution

Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green)

Nuclei were stained with DAPI (shown in blue).