Anti-HIP1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R014805

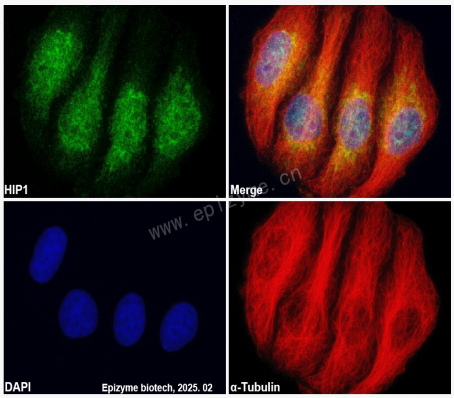
Product Information

Application	WB, IHC-P/IF (Tissue-P), IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	82P66K77
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human HIP1
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% 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-HIP1 Rabbit mAb [82P66K77] is for research use only and not for use in diagnostic or therapeutic procedures.

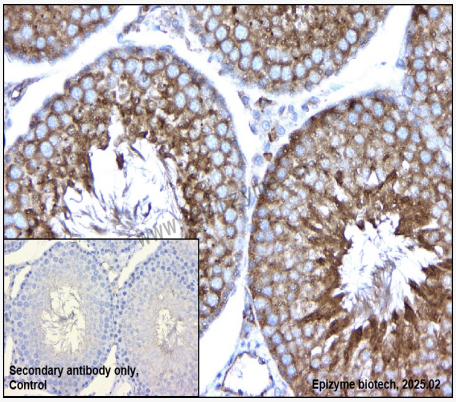
Protein Information

Synonyms	2610109B09Rik, A930014B11Rik, E130315I21Rik, HIP 1, HIP I, HIP-1, HIP-I, hip1, HIP1/PDGFRB fusion gene, HIP1/PDGFRB fusion gene, included, HIP1_HUMAN, HIPI, Huntingtin interacting protein 1, Huntingtin Interacting Protein HIP1, Huntingtin-interacting protein 1, Huntingtin-interacting protein I, ILWEQ, KIAA4113, MGC126506, MGC27616, mKIAA4113.
Calculated MW	Calculated MW: 116 kDa; Observed MW: 116-130 kDa
Uniprot ID	O00291
Gene ID	3092
Background	Plays a role in clathrin-mediated endocytosis and trafficking. Involved in regulating AMPA receptor trafficking in the central nervous system in an NMDA-dependent manner. Enhances androgen receptor (AR)-mediated transcription.
Cellular Location	Cytoplasm. Nucleus. Endomembrane system. Cytoplasmic vesicle > clathrin-coated vesicle membrane. Shuttles between cytoplasm and nucleus. Nuclear translocation can be induced by AR.
Tissue Location	Ubiquitously expressed with the highest level in brain. Expression is up-regulated in prostate and colon cancer.

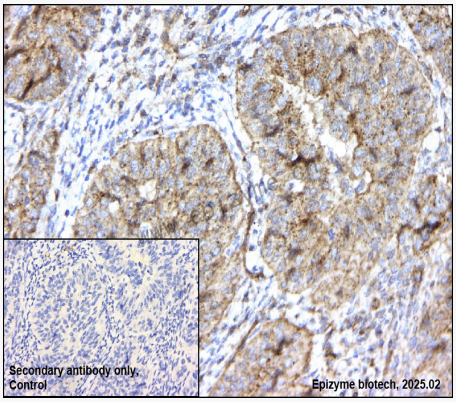
Validation Images



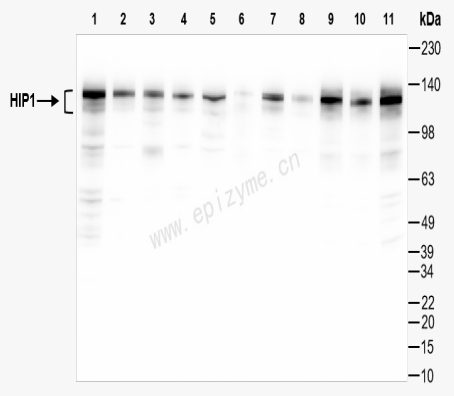
Immunofluorescence - Anti-HIP1 Rabbit mAb [82P66K77]
Sample: Hela cells
The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.5% Triton X-100 for 10 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.
Primary antibodies: R014805 at 1:100 dilution and α-tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution
Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and Goat anti-Mouse (555) at 1:1,000 dilution (shown in red)
Nuclei were stained with DAPI (shown in blue).



Immunohistochemistry - Anti-HIP1 Rabbit mAb [82P66K77]
Sample: Paraformaldehyde-fixed, paraffin embedded rat testis tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R014805 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-HIP1 Rabbit mAb [82P66K77]
Sample: Paraformaldehyde-fixed, paraffin embedded human endometrial carcinoma tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R014805 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.



Western Blot - Anti-HIP1 Rabbit mAb [82P66K77]
All lanes: R014805 at 1:1,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 4: U2OS (Human osteosarcoma epithelial cell) whole cell lysates
Lane 5: Caco2 (Human colorectal adenocarcinoma epithelial cell) whole cell lysates
Lane 6: Jurkat (Human T lymphocytic leukemia cell) whole cell lysates
Lane 7: 293T (Human embryonic kidney cell) whole cell lysates
Lane 8: SCC-9 (Human tongue squamous carcinoma epithelial cell) whole cell lysates
Lane 9: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates
Lane10: Raw264.7 (Mouse mononuclear macrophage leukemia cell) whole cell lysates
Lane11: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 116 kDa
Observed band size: 116-130 kDa
Developed using the ECL technique (Cat. No. SQ201).