

Anti-DPF2 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

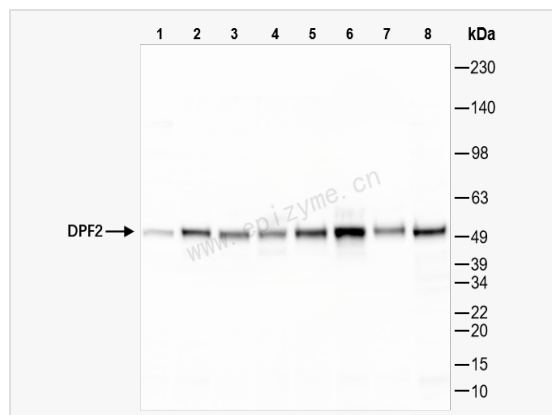
Catalog # R015777

Product Information

Application	WB, IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	67S48A15
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human DPF2
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-DPF2 Rabbit mAb [67S48A15] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	BAF45D; REQ; UBID4; DPF2; Zinc finger protein ubi-d4; Apoptosis response zinc finger protein; BRG1-associated factor 45D; Protein requiem.
Calculated MW	Calculated MW: 44 kDa; Observed MW: 50 kDa
Uniprot ID	Q92785
Gene ID	5977
Background	The protein encoded by this gene is a member of the d4 domain family, characterized by a zinc finger-like structural motif. This protein functions as a transcription factor which is necessary for the apoptotic response following deprivation of survival factors. It likely serves a regulatory role in rapid hematopoietic cell growth and turnover. This gene is considered a candidate gene for multiple endocrine neoplasia type I, an inherited cancer syndrome involving multiple parathyroid, enteropancreatic, and pituitary tumors. [provided by RefSeq, Jul 2008]
Cellular Location	Nucleus. Cytoplasm.
Tissue Location	Ubiquitous.



Western Blot - Anti-DPF2 Rabbit mAb [67S48A15]

All lanes: R015777 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: 293T (Human embryonic kidney cell) whole cell lysates

Lane 5: K562 (Human chronic myeloid leukemia cell) whole cell lysates

Lane 6: SH-SY5Y (Human neuroblastoma epithelial cell) whole cell lysates

Lane 7: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates

Lane 8: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates

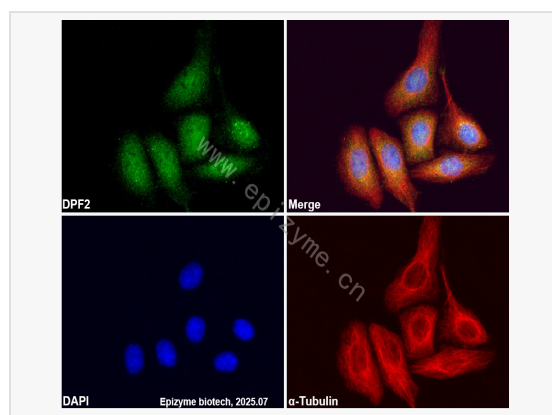
Lysates/proteins at 10 μ g per lane.

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

Predicted band size: 44 kDa

Observed band size: 50 kDa

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



Immunofluorescence - Anti-DPF2 Rabbit mAb [67S48A15]

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: R015777 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).