

DPF2 (S-24): sc-101943

BACKGROUND

DPF2 (D4, zinc and double PHD fingers family 2), also known as REQ (requiem), UBID4 or ubi-d4, is a 391 amino acid protein that is a member of the D4 domain family. DPF2, a ubiquitously expressed protein, localizes to the nucleus and contains one C₂H₂- and two PHD-type zinc finger motifs. DPF2 may function as a transcription factor that is necessary for apoptosis and may also play a role in the development and maturation of lymphoid cells. It is thought that, during apoptosis, DPF2 activity is inhibited by LRF (leukemia/lymphoma-related factor), which is upregulated by integrin. This suggests that DPF2 may be a potential target for future cancer therapies that induce apoptosis in leukemia cells.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: DPF2 (human) mapping to 11q13.1; Dpf2 (mouse) mapping to 19 A.

SOURCE

DPF2 (S-24) is a purified rabbit polyclonal antibody raised against DPF2 of human origin.

PRODUCT

Each vial contains 100 µg IgG in 1.0 ml PBS with < 0.1% sodium azide and 0.1% gelatin.

STORAGE

Store at 4° C, ****DO NOT FREEZE****. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

APPLICATIONS

DPF2 (S-24) is recommended for detection of DPF2 of mouse, rat, human and canine origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)] and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

Suitable for use as control antibody for DPF2 siRNA (h): sc-97031, DPF2 siRNA (m): sc-143156, DPF2 shRNA Plasmid (h): sc-97031-SH, DPF2 shRNA Plasmid (m): sc-143156-SH, DPF2 shRNA (h) Lentiviral Particles: sc-97031-V and DPF2 shRNA (m) Lentiviral Particles: sc-143156-V.

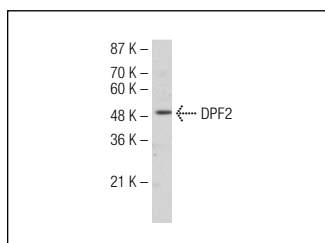
Molecular Weight of DPF2: 44 kDa.

Positive Controls: Jurkat whole cell lysate: sc-2204 or LNCaP cell lysate: sc-2231.

RECOMMENDED SECONDARY REAGENTS

To ensure optimal results, the following support (secondary) reagents are recommended: 1) Western Blotting: use goat anti-rabbit IgG-HRP: sc-2004 (dilution range: 1:2000-1:100,000) or Cruz Marker™ compatible goat anti-rabbit IgG-HRP: sc-2030 (dilution range: 1:2000-1:5000), Cruz Marker™ Molecular Weight Standards: sc-2035, TBS Blotto A Blocking Reagent: sc-2333 and Western Blotting Luminol Reagent: sc-2048. 2) Immunofluorescence: use goat anti-rabbit IgG-FITC: sc-2012 (dilution range: 1:100-1:400) or goat anti-rabbit IgG-TR: sc-2780 (dilution range: 1:100-1:400) with UltraCruz™ Mounting Medium: sc-24941.

DATA



DPF2 (S-24): sc-101943. Western blot analysis of DPF2 expression in Jurkat whole cell lysate.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com or our catalog for detailed protocols and support products.

MONOS
Satisfaction
Guaranteed

Try **DPF2 (C-9): sc-514297** or **DPF2 (WW-2): sc-101106**, our highly recommended monoclonal alternatives to DPF2 (S-24).