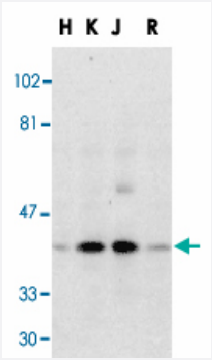
Dffb polyclonal antibody

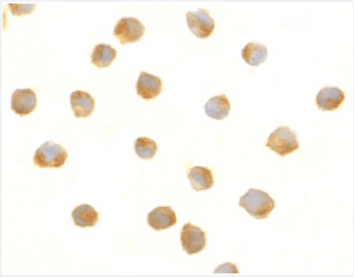
Catalog # PAB13400 Size 100 ug

Applications



Western Blot (Cell lysate)

Western blot analysis of Dffb in HeLa (H), K-562 (K), Jurkat (J), and Raji (R) whole cell lysate with Dffb polyclonal antibody (Cat # PAB13400) at 1 : 500 dilution.



Immunocytochemistry

Immunocytochemistry of Dffb in Jurkat cells with Dffb polyclonal antibody (Cat # PAB13400) at 5 ug/mL .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of Dffb.
Immunogen	A synthetic peptide corresponding to internal region of mouse Dffb.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of Dffb in HeLa (H), K-562 (K), Jurkat (J), and Raji (R) whole cell lysate with Dffb polyclonal antibody (Cat # PAB13400) at 1 : 500 dilution.

- Immunocytochemistry

  Immunocytochemistry of Dffb in Jurkat cells with Dffb polyclonal antibody (Cat # PAB13400) at 5 ug/mL .

Gene Info — Dffb

Entrez GeneID	13368
Protein Accession#	NP_031885
Gene Name	Dffb
Gene Alias	40kDa, 5730477D02Rik, CAD, CPAN, DFF40, Didff
Gene Description	DNA fragmentation factor, beta subunit
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	DNA fragmentation factor, 40 kD, beta subunit|DNase inhibited by DNA fragmentation factor|OTT MUSP00000011273|caspase-activated DNase

Publication Reference

- The 40-kDa subunit of DNA fragmentation factor induces DNA fragmentation and chromatin condensation during apoptosis.

  Liu X, Li P, Widlak P, Zou H, Luo X, Garrard WT, Wang X.

  PNAS 1998 Jul; 95(15):8461.

  Application: WB-Tr, Human, HEK 293 cells

- CPAN, a human nuclease regulated by the caspase-sensitive inhibitor DFF45.

  Halenbeck R, MacDonald H, Roulston A, Chen TT, Conroy L, Williams LT.

  Current Biology 1998 Apr; 8(9):537.

- A caspase-activated DNase that degrades DNA during apoptosis, and its inhibitor ICAD.

  Enari M, Sakahira H, Yokoyama H, Okawa K, Iwamatsu A, Nagata S.

  Nature 1998 Jan; 391(6662):43.