

DFFB Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS11450**Specification**

DFFB Antibody (Internal) - Product Information

Application	ICC, WB, IHC
Primary Accession	O76075
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39kDa KDa

DFFB Antibody (Internal) - Additional Information**Gene ID** 1677**Other Names**

DNA fragmentation factor subunit beta, 3.-.-., Caspase-activated deoxyribonuclease, CAD, Caspase-activated DNase, Caspase-activated nuclease, CPAN, DNA fragmentation factor 40 kDa subunit, DFF-40, DFFB, CAD, DFF2, DFF40

Target/Specificity

peptide corresponding to amino acids near the center of murine CAD The sequence differs from human DFF40 by two amino acids (3,4)

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions

DFFB Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

DFFB Antibody (Internal) - Protein Information**Name** DFFB**Synonyms** CAD, DFF2, DFF40**Function**

Nuclease that induces DNA fragmentation and chromatin condensation during apoptosis. Degrades naked DNA and induces apoptotic morphology.

Cellular Location

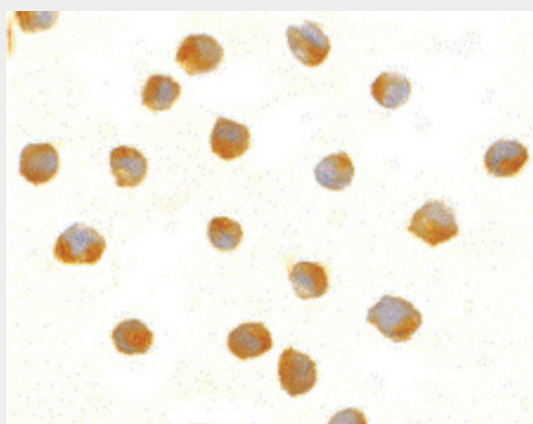
Cytoplasm. Nucleus.

DFFB Antibody (Internal) - Protocols

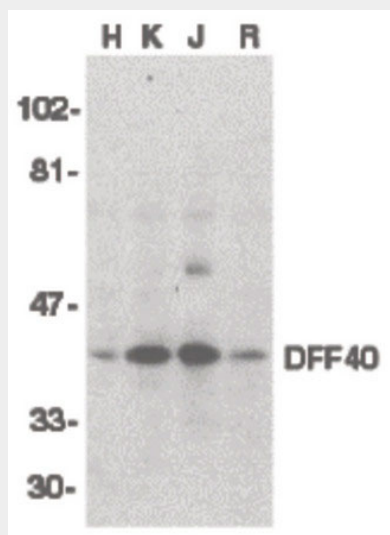
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

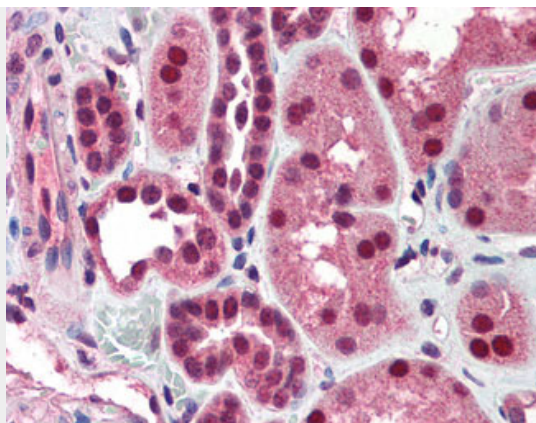
DFFB Antibody (Internal) - Images



Immunocytochemistry of DFF40 in Jurkat cells with DFF40 antibody at 5 ug/ml.



Western blot of DFF40 in HeLa (H), K562 (K), Jurkat (J), and Raji (R) whole cell lysate with...



Anti-DFFB antibody IHC of human kidney.

DFFB Antibody (Internal) - Background

Nuclease that induces DNA fragmentation and chromatin condensation during apoptosis.
Degrades naked DNA and induces apoptotic morphology.

DFFB Antibody (Internal) - References

- Liu X.,et al.Proc. Natl. Acad. Sci. U.S.A. 95:8461-8466(1998).
Mukae N.,et al.Proc. Natl. Acad. Sci. U.S.A. 95:9123-9128(1998).
Halenbeck R.,et al.Curr. Biol. 8:537-540(1998).
Nakagawara A.,et al.Submitted (JUN-1999) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).