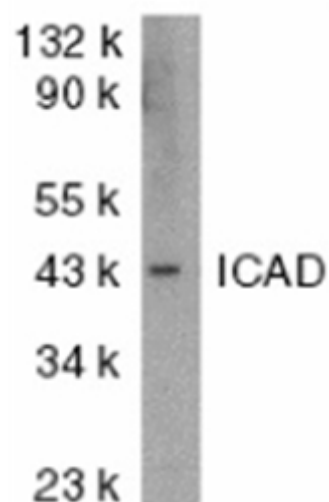


SP1232P**Polyclonal Antibody to DFFA / ICAD (N-term) - Purified**

Alternate names:	DFF-45, DFF1, DFF45, DNA fragmentation factor 45 kDa subunit, DNA fragmentation factor subunit alpha, Inhibitor of CAD
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Background:	ICAD (Inhibitor of Caspase-Activated Dnase) is the murine homologue of human DFF-45. ICAD is cleaved by Caspase-3, releasing CAD which eventually causes degradation of DNA in the nucleus.
Uniprot ID:	O54786
NCBI:	NP_034174.2
GeneID:	13347
Host / Isotype:	Rabbit / IgG
Immunogen:	Synthetic peptide corresponding to amino acids 2-21 of Mouse ICAD
Format:	State: Liquid purified IgG fraction Purification: Affinity Chromatography Buffer System: PBS Preservatives: 0.02% Sodium Azide
Applications:	Western blot: 1/1000. This antibody recognises a 45kDa band. Immunohistochemistry on Paraffin Sections: Requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to ICAD at C-term. Species: Mouse. Other species not tested.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Enari M, Sakahira H, Yokoyama H, Okawa K, Iwamatsu A, Nagata S. A caspase-activated DNase that degrades DNA during apoptosis, and its inhibitor ICAD. Nature. 1998 Jan 1;391(6662):43-50. PubMed PMID: 9422506. 2. Sakahira H, Enari M, Nagata S. Cleavage of CAD inhibitor in CAD activation and DNA degradation during apoptosis. Nature. 1998 Jan 1;391(6662):96-9. PubMed PMID: 9422513. 3. Wyllie, A. (1998) Apoptosis: An endonuclease at last. Nature 391: 20-21.

Pictures:

Western blot analysis of mouse lung lysate probed with Rabbit anti Mouse ICAD antibody Cat.-No SP1232P.



Immunohistochemical staining of mouse lung with Rabbit anti Mouse ICAD antibody Cat.-No SP1232P

