



## Rabbit Anti-ICAD antibody

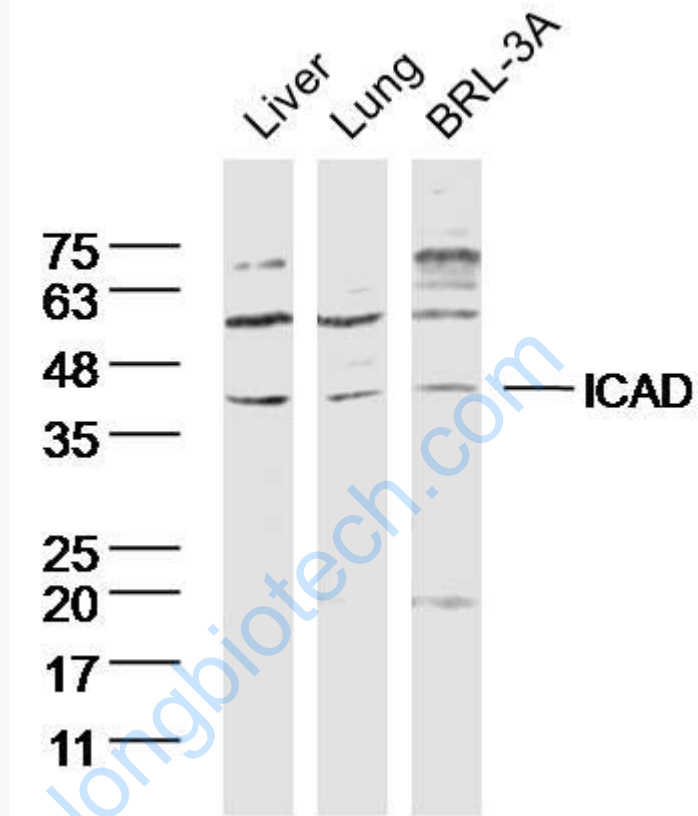
SL0214R

<b>Product Name:</b>	ICAD
<b>Chinese Name:</b>	Caspase激活的脱氧核糖核酸酶抑制剂抗体
<b>Alias:</b>	DFF-45 Beta; ICAD; ICAD L; ICAD S; Caspase activated deoxyribonuclease inhibitor short form; DFF 1; DFF 45; DFF-45; DFF alpha; DFF1; DFF35; DFF45; DFFA; Dffa DNA fragmentation factor, alpha subunit; DNA fragmentation factor 45 kDa subunit; DNA Fragmentation Factor Alpha Subunit; DNA fragmentation factor subunit alpha; DNA fragmentation factor, 45 kD, alpha subunit; DNA fragmentation factor, 45kDa, alpha polypeptide (DFFA), transcript variant 1; A330085O09Rik; DNA fragmentation factor, 45kDa, alpha polypeptide; DNA fragmentation factor, alpha subunit; H13; Inhibitor of CAD; DFFA_HUMAN; Inhibitor of CAD; Inhibitor of Caspase Activated DNase; MGC143066; OTTHUMP00000001903; OTTHUMP00000001904; RP23 121D17.3;Inhibitor of Caspase Activated DNase.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	36kDa
<b>Cellular localization:</b>	cytoplasmicThe cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human ICAD:2-100/331
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of

	antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>Caspase-activated deoxyribonuclease(CAD) also designated DNA fragmentation factor 45 kDa subunit (DFF-45)and Caspase-activated DNase. CAD is a nuclease that induces DNA fragmentation and chromatin condensation during apoptosis. Degrades naked DNA and induces apoptotic morphology. ICAD (DNA fragmentation factor alpha subunit) (DNA fragmentation factor 45 kDa subunit) (DFF-45) (Inhibitor of CAD) is inhibitor of the caspase-activated DNase (DFF44).</p> <p><b>Function:</b> Inhibitor of the caspase-activated DNase (DFF40).</p> <p><b>Subunit:</b> Heterodimer of DFFA and DFFB.</p> <p><b>Subcellular Location:</b> Cytoplasm.</p> <p><b>Post-translational modifications:</b> Caspase-3 cleaves DFF45 at 2 sites to generate an active factor.</p> <p><b>Similarity:</b> Contains 1 CIDE-N domain.</p> <p><b>SWISS:</b> O54786</p> <p><b>Gene ID:</b> 1676</p> <p><b>Database links:</b>  <a href="#">Entrez Gene: 1676</a> Human  <a href="#">Omim: 601882</a> Human  <a href="#">SwissProt: O00273</a> Human  <a href="#">Unigene: 484782</a> Human</p> <p><b>Important Note:</b> This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.</p> <p>ICAD 是在Apoptosis期诱导DNA分裂和染色体固缩的一种核酶, 降解裸露的DNA</p>

并诱导形态学变化。

Picture:



Sample:

liver (mouse) Lysate at 40 ug

lung(mouse) Lysate at 40 ug

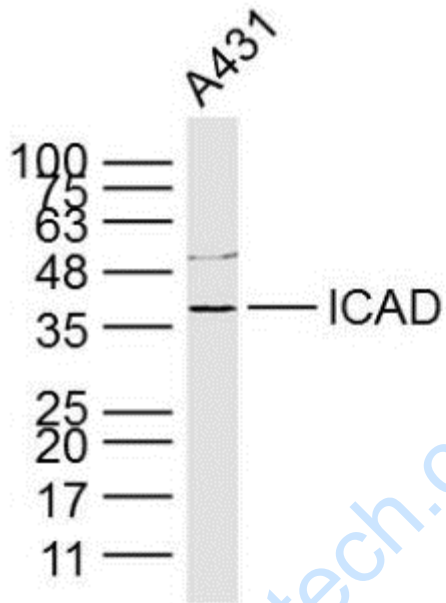
BRL-3A (rat)cell Lysate at 40 ug

Primary: Anti- ICAD (SL0214R)at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 36kD

Observed band size: 36 kD



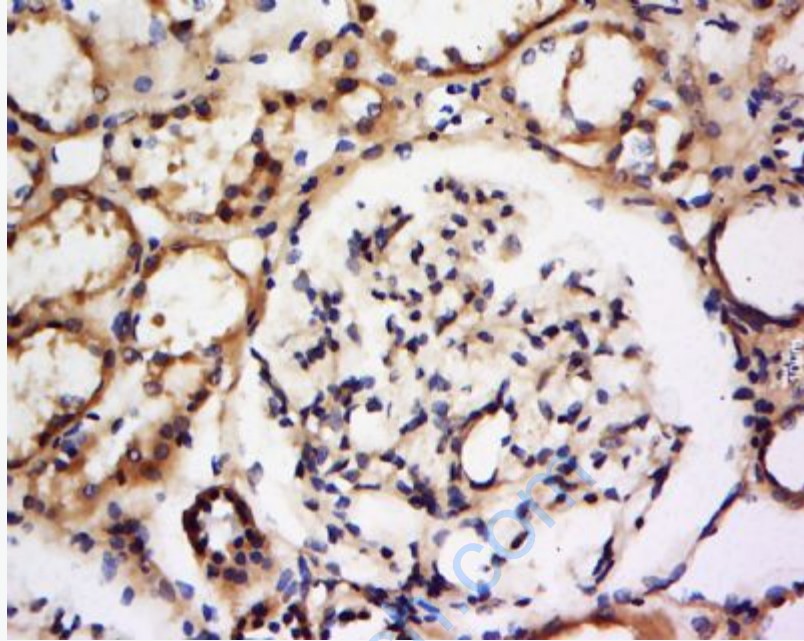
Sample: A431 Cell (Human) Lysate at 40 ug

Primary: Anti-ICAD (SL0214R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 36 kD

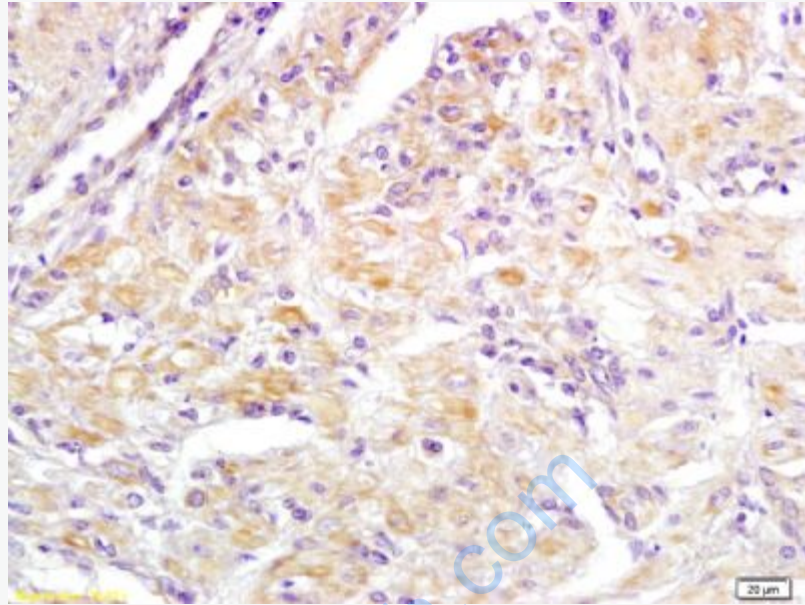
Observed band size: 36 kD



Tissue/cell: Human kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-ICAD Polyclonal Antibody, Unconjugated(SL0214R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: human cervical carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-ICAD/DFP-45 Beta Polyclonal Antibody, Unconjugated(SL0214R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining