

**bs-0214R****[ Primary Antibody ]****Bioss**  
**ANTIBODIES**

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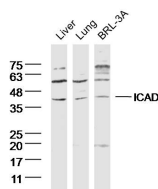
sales@bioss.com.cn

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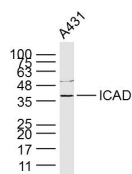
400-901-9800

**DFFA Rabbit pAb****— DATASHEET —**

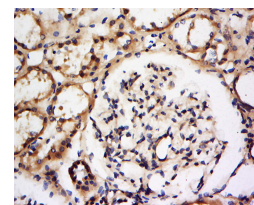
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)  <b>Reactivity:</b> Human, Mouse, Rat  <b>Predicted MW.:</b> 36 kDa  <b>Subcellular Location:</b> Cell membrane ,Cytoplasm
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 1676	<b>SWISS:</b> O00273	
<b>Target:</b> DFFA		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human ICAD: 2-100/331.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> 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).		

**— VALIDATION IMAGES —**

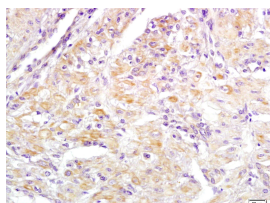
Sample: liver (mouse) Lysate at 40 ug  
lung(mouse) Lysate at 40 ug BRL-3A (rat)cell  
Lysate at 40 ug Primary: Anti- ICAD (bs-0214R)at  
1/300 dilution Secondary: IRDye800CW Goat  
Anti-Rabbit IgG at 1/20000 dilution Predicted  
band size: 36kD Observed band size: 36 kD



Sample: A431 Cell (Human) Lysate at 40 ug  
Primary: Anti-ICAD (bs-0214R) 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(bs-0214R) 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

**Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

serum,C-0005) at 37°C for 20 min; Incubation:  
Anti-ICAD/DFP-45 Beta Polyclonal Antibody,  
Unconjugated(bs-0214R) 1:200, overnight at 4°C,  
followed by conjugation to the secondary  
antibody(SP-0023) and DAB(C-0010) staining