

Anti-DFFA Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 36 kDa. Actual: 36 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. Sample: liver (mouse) Lysate at 40 µg lung (mouse) Lysate at 40 µg BRL-3A (rat) Cell Lysate at 40 µg Primary: Anti-ICAD (TMAB-05108) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 36 kD Observed band size: 36 kD</p> <p>2. Tissue/cell: human cervical carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-ICAD/DFF-45 Beta Polyclonal Antibody, Unconjugated (TMAB-05108) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining</p> <p>3. Tissue/cell: Human kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-ICAD Polyclonal Antibody, Unconjugated (TMAB-05108) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining</p> <p>4. Sample: A431 Cell (Human) Lysate at 40 µg Primary: Anti-ICAD (TMAB-05108) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 36 kD Observed band size: 36 kD</p>
Application:	WB,IHC-P,IHC-Fr,IF
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human ICAD

Antigen Species: Human

Gene ID: 1676

Uniprot ID: O00273

Research Background

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).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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