Anti-CIDEB Rabbit Polyclonal Antibody

Catalog #: 51851

Aliases

Cell death activator CIDE-B; Cell death-inducing DFFA-like effector B

Background

Gene Name: CIDEB
NCBI Gene Entry: 27141
UniProt Entry: Q9UHD4

Application Information

Molecular Weight: Predicted, 24 kDa; observed, 25 kDa
Clonality: Rabbit polyclonal antibody
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human CIDEB

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

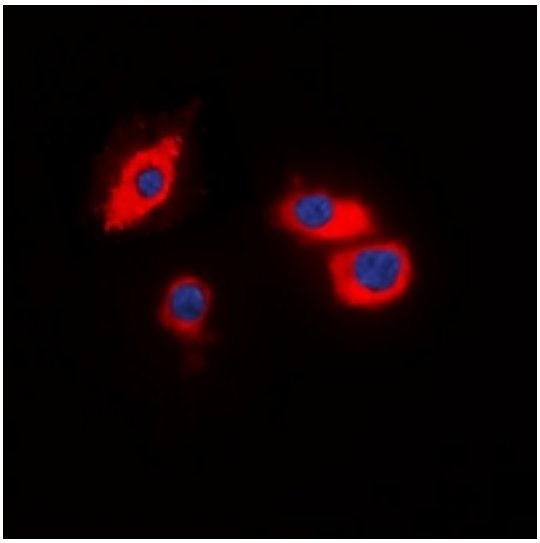
Store at -20 °C for one year.

Recommended Dilutions

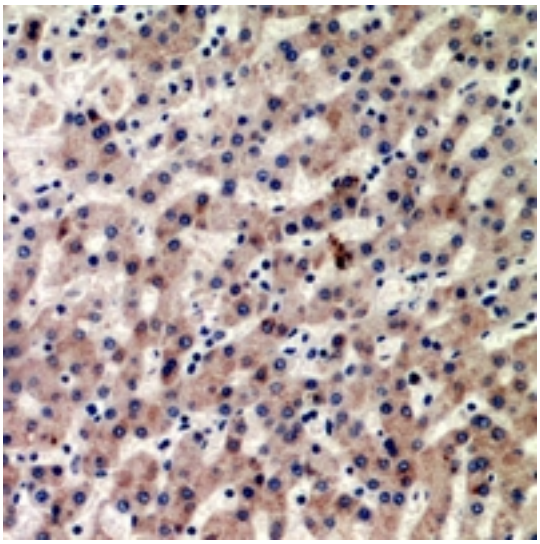
Western Blotting (WB): 1:500-1:2,000
Immunohistochemistry (IHC): 1:50-1:200
Immunocytochemistry (IC): 1:50-1:100

Note: This product is for research use only.

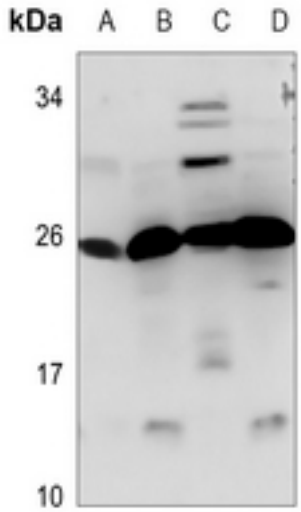
Validation Data



Immunocytochemical analysis of CIDEB staining in HT29 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



Immunohistochemical analysis of CIDEB staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western blotting analysis of CIDEB expression in mouse kidney (A), mouse spleen (B), rat kidney (C), rat spleen (D) whole cell lysates.