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Anti-CDIP CDIP1 Antibody

Catalog Number: A10988

About CDIP1

The p53 tumor-suppressor gene integrates numerous signals that control cell life and death; loss of its functions contributes to the development of most cancers. CDIP is a novel pro-apoptotic target gene whose inhibition abrogates p53-mediated apoptotic responses. Overexpression of CDIP induced apoptosis in transfected cells while siRNA suppression of caspase-8 mRNA blocked this CDIP-induced apoptosis, indicating that the CDIP-dependent apoptosis pathway proceeds through extrinsic cell death pathway. CDIP may thus represent a novel target for drug design to maximize p53 response and sensitize tumor cells to cancer therapy. Multiple isoforms of CDIP are known to exist.

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Overview

Product Name	Anti-CDIP CDIP1 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-CDIP CDIP1 Antibody (Catalog # A10988). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	CDIP Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	CDIP antibody can be stored at 4°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9H305

Technical Details

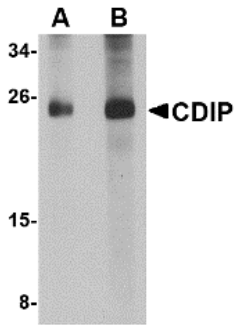
Immunogen	CDIP antibody was raised against a 16 amino acid synthetic peptide near the center of human CDIP. The immunogen is located within amino acids 40 - 90 of CDIP.
Predicted Reactive Species	Bovine
Isotype	IgG

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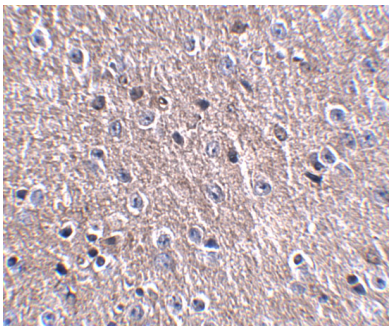
Form	Liquid
Concentration	1 mg/mL
Purification	CDIP Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	CDIP antibody can be used for detection of CDIP by Western blot at 1 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 2.5 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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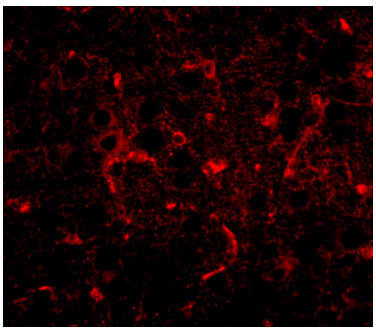
Anti-CDIP CDIP1 Antibody (A10988) Images



Western blot analysis of CDIP in human brain lysate with CDIP antibody at (A) 1 and (B) 2 ug/mL.



Immunohistochemistry of FNIP2 in mouse brain tissue with FNIP2 antibody at 2.5 ug/mL.



Immunofluorescence of CDIP1 in mouse brain tissue with CDIP1 antibody at 20 ug/mL.

Anti-CDIP CDIP1 Antibody

For Research Use Only. Not for use in diagnostic procedures.