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Datasheet for ABIN6991068
anti-CDIP1 antibody (AA 40-90)

Overview

Quantity:	0.1 mg
Target:	CDIP1
Binding Specificity:	AA 40-90
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDIP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product 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.
Isotype:	IgG
Purification:	CDIP Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	CDIP1
Alternative Name:	CDIP (CDIP1 Products)
Background:	CDIP Antibody: 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

Target Details

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.

Gene ID: 29965

NCBI Accession: [NP_037531](#)

UniProt: [Q9H305](#)

Application Details

Application Notes: CDIP antibody can be used for detection of CDIP by Western blot at 1 - 2 μ g/mL. Antibody can also be used for immunohistochemistry starting at 2.5 μ g/mL. For immunofluorescence start at 20 μ g/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.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: CDIP Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: CDIP antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.