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Datasheet for ABIN499607
anti-CDIP1 antibody (Center)

2 Images

Overview

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

Product Details

Immunogen:	19 amino acid peptide near the center of Human CDIP
Isotype:	IgG
Specificity:	This antibody reacts to CDIP.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	CDIP1
Alternative Name:	LITAF-Like Protein (CDIP1 Products)
Background:	The p53 tumor-suppressor gene integrates numerous signals that control cell life and death,

Target Details

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. Synonyms: C16orf5, CDIP, Cell death-inducing protein, Transmembrane protein I1

Gene ID: 29965

NCBI Accession: [NP_037531](#)

UniProt: [Q9H305](#)

Application Details

Application Notes: ELISA. Western Blot: CDIP antibody can be used for detection of CDIP at 0.25 - 0.5 µg/mL. Immunohistochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS containing 0.02 % Sodium Azide as preservative

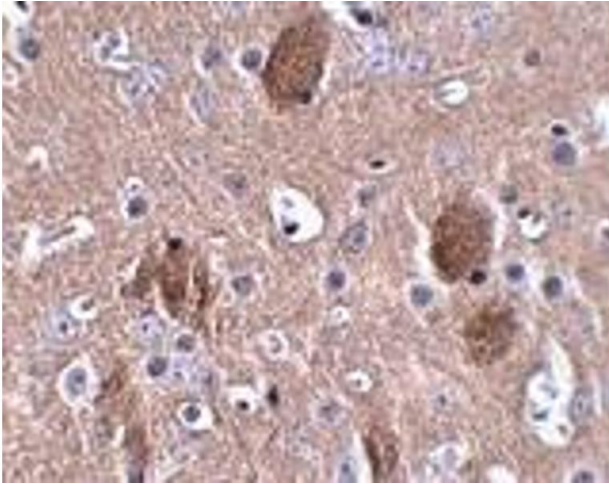
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

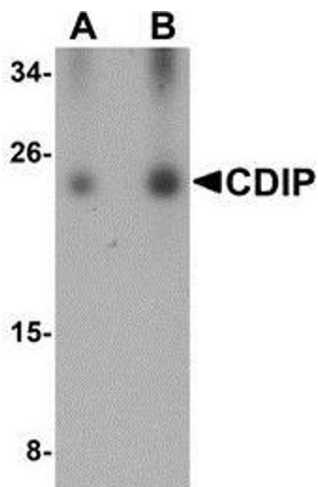
Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of CDIP in mouse brain tissue with CDIP antibody at 2.5 µg/ml.



Western Blotting

Image 2. Western blot analysis of CDIP in human brain lysate with AP30220PU-N CDIP antibody at (A) 0.25 and (B) 0.5 µg/ml.