

CDIP Antibody

Catalog No: #24848

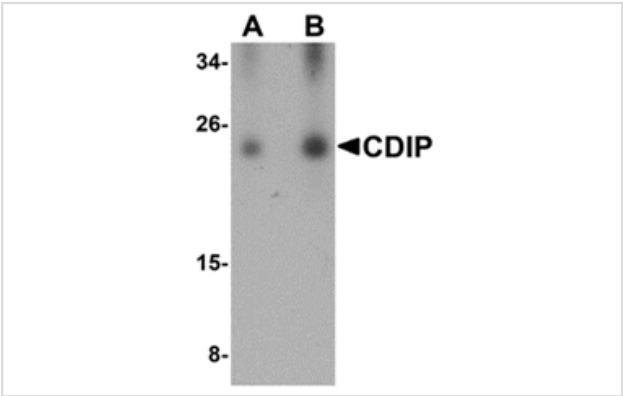


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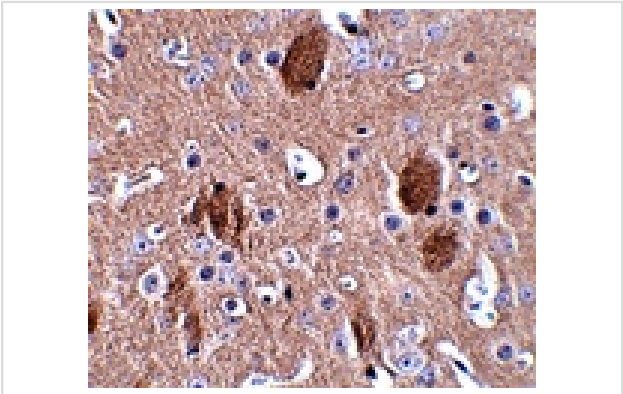
Description

Product Name	CDIP Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu Ms
Immunogen Type	Peptide
Immunogen Description	Raised against a 19 amino acid peptide near the center of human CDIP.
Target Name	CDIP
Other Names	Cell death involved p53-target
Accession No.	Swiss-Prot:Q9H305Gene ID:29965
Uniprot	Q9H305
GeneID	29965;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for 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.

Images



Western blot analysis of CDIP in human brain lysate with CDIP antibody at (A) 0.25 and (B) 0.5 ug/mL.



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

Background

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.

Note: This product is for in vitro research use only