

CDIP Antibody

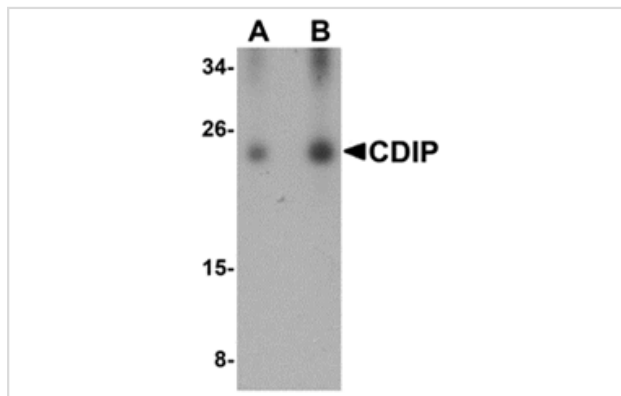
Catalog No: #24848

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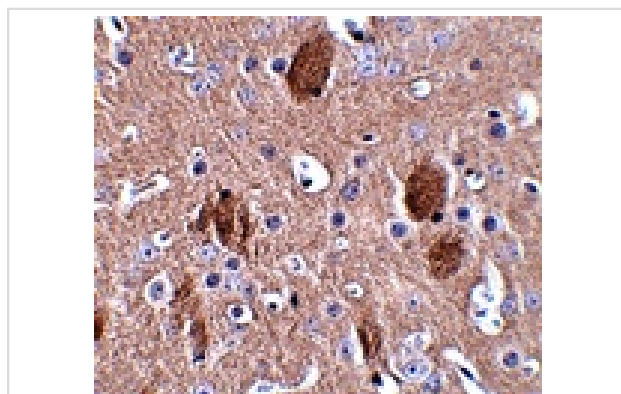
Description

| | |
|-----------------------|---|
| Product Name | CDIP Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | Affinity chromatography purified via peptide column |
| Applications | E 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. | NP_037531 |
| 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 and is not intended for use in humans or animals.