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Product datasheet for TA306731

C16orf5 (CDIP1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, ICC: 2.5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	CDIP antibody was raised against a 16 amino acid peptide near the center of human CDIP.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	cell death-inducing p53 target 1
Database Link:	NP_037531 Entrez Gene 66626 MouseEntrez Gene 29965 Human Q9H305
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.
Synonyms:	C16orf5; CDIP; I1; LITAFL
Protein Families:	Transmembrane

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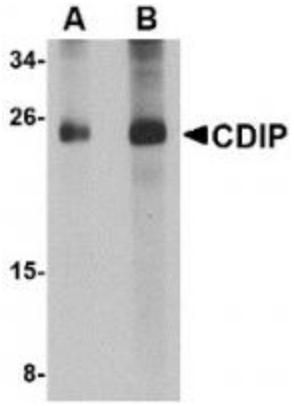
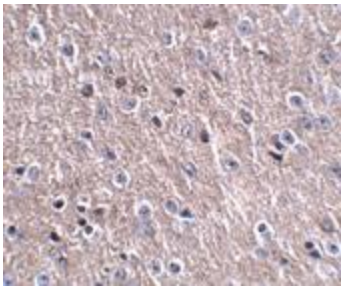
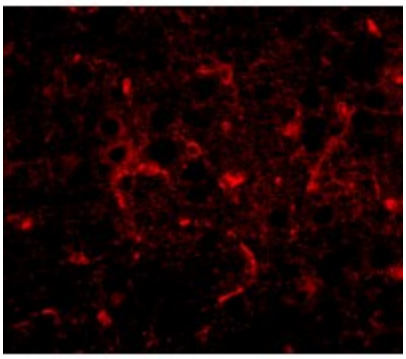
Product images:



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.