

Recombinant Human CTBP2 cell lysate

Cat. No. CTBP2-417HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	This gene produces alternative transcripts encoding two distinct proteins. One protein is a transcriptional repressor, while the other isoform is a major component of specialized synapses known as synaptic ribbons. Both proteins contain a NAD ⁺ binding domain similar to NAD ⁺ -dependent 2-hydroxyacid dehydrogenases. A portion of the 3 untranslated region was used to map this gene to chromosome 21q21.3; however, it was noted that similar loci elsewhere in the genome are likely. Blast analysis shows that this gene is present on chromosome 10.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	CTBP2 C-terminal binding protein 2 [Homo sapiens]
Official Symbol	CTBP2
Synonyms	CTBP2; C-terminal binding protein 2; C-terminal-binding protein 2; ribeye;

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Gene ID	1488
mRNA Refseq	NM_001083914
Protein Refseq	NP_001077383
MIM	602619
UniProt ID	P56545
Chromosome Location	10q26.13
Pathway	Chronic myeloid leukemia, organism-specific biosystem; Chronic myeloid leukemia, conserved biosystem; Notch signaling pathway, organism-specific biosystem; Notch signaling pathway, conserved biosystem; Pathways in cancer, organism-specific biosystem; Wnt Signaling Pathway NetPath, organism-specific biosystem; Wnt Signaling Pathway and Pluripotency, organism-specific biosystem;
Function	NAD binding; cofactor binding; oxidoreductase activity; oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor; protein binding;