

CTBP2 RABBIT MAB

Cat.#: N263286

Product Name: Anti-CTBP2 Rabbit Monoclonal Antibody

Synonyms: C-terminal-binding protein 2

UNIPROT ID: P56545

Background: 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. Several transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Feb 2014]

Immunogen: A synthetic peptide of human CTBP2

Applications: WB,IHC-F,IHC-P,ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R02-7A0

MW: Calculated MW: 49 kDa; Observed MW: 49 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Mouse,Rat

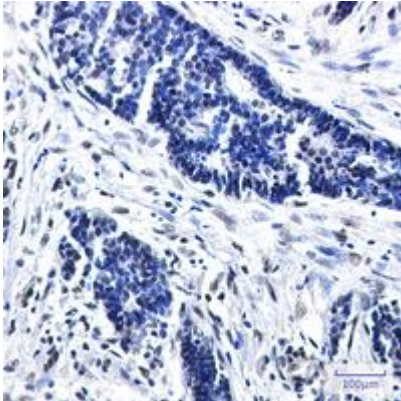
Conjugation: Unconjugated

Modification: Unmodified

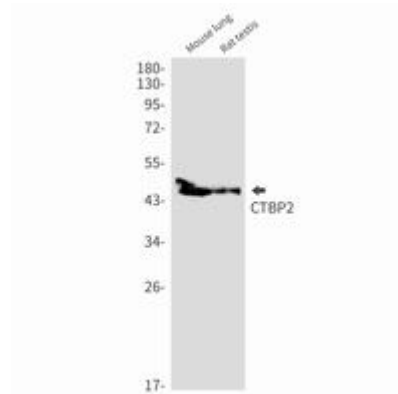
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Microbiology

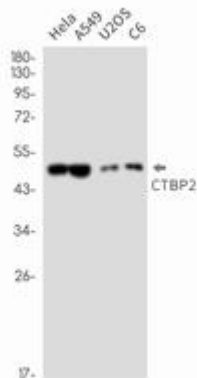
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



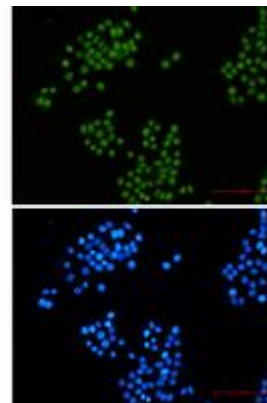
Immunohistochemistry analysis of paraffin-embedded Human breast cancer using CTBP2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of CTBP2 in mouse lung, rat testis lysates using CTBP2 antibody.



Western blot analysis of CTBP2 in HeLa, A549, U2OS, C6 lysates using CTBP2 antibody.



Immunocytochemistry analysis of CTBP2 (green) in HeLa cells using CTBP2 antibody, and DAPI (blue).