

Summary

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|------------------------|--|
| Production Name | CTBP2 Rabbit Monoclonal Antibody |
| Description | Recombinant Rabbit Monoclonal antibody |
| Host | Rabbit |
| Application | WB,IHC-F,IHC-P,ICC/IF |
| Reactivity | Human,Mouse,Rat |

Performance

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|---------------------|--|
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Monoclonal Antibody |
| Form | Liquid |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| Buffer | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA |
| Purification | Affinity Purified |

Immunogen

| | |
|--------------------------|------------------------------|
| Gene Name | CTBP2 |
| Alternative Names | C-terminal-binding protein 2 |
| Gene ID | 1488 |
| SwissProt ID | P56545 |

Application

| | |
|-------------------------|---|
| Dilution Ratio | WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 |
| Molecular Weight | Calculated MW: 49 kDa; Observed MW: 49 kDa |

Background

Product Name: CTBP2 Rabbit Monoclonal Antibody
Catalog #: AMRe02957

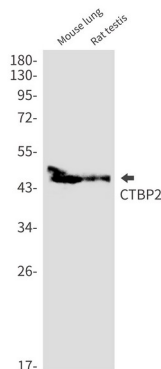


This gene produces alternative transcripts encoding two distinct proteins. One protein is a transcriptional repressor, while the other isoform is a major component of specialized synapses known as synaptic ribbons. Both proteins contain a NAD⁺ binding domain similar to NAD⁺-dependent 2-hydroxyacid dehydrogenases. 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]

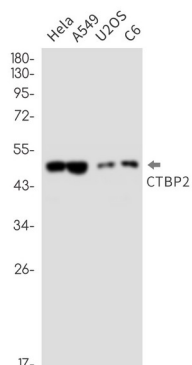
Research Area

Microbiology

Image Data

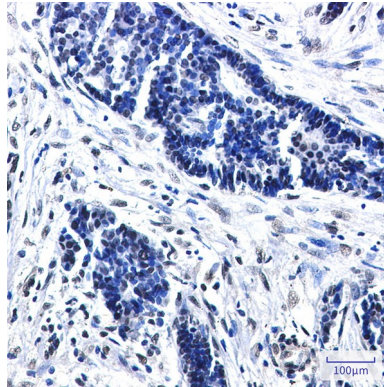


Western blot analysis of CTBP2 in mouse lung, rat testis lysates using CTBP2 antibody.

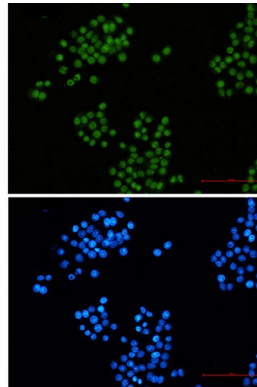


Western blot analysis of CTBP2 in HeLa, A549, U2OS, C6 lysates using CTBP2 antibody.

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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.



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

Note

For research use only.