

CTTB2 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP5490a**Specification**

CTTB2 Antibody (N-term) - Product Information

Application	IHC-P, WB,E
Primary Accession	Q8WZ74
Other Accession	Q2IBD4 , NP_219499.1 , Q2OLA2
Reactivity	Human
Predicted	Horse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	181051
Antigen Region	72-100

CTTB2 Antibody (N-term) - Additional Information**Gene ID** 83992**Other Names**

Cortactin-binding protein 2, CortBP2, CTTNBP2, C7orf8, CORTBP2, KIAA1758

Target/Specificity

This CTTB2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 72-100 amino acids from the N-terminal region of human CTTB2.

Dilution

IHC-P~~1:50~100

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

CTTB2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

CTTB2 Antibody (N-term) - Protein Information**Name** CTTNBP2 ([HGNC:15679](#))

Function Regulates the dendritic spine distribution of CTTN/cortactin in hippocampal neurons, and thus controls dendritic spinogenesis and dendritic spine maintenance. Associates with the striatin-interacting phosphatase and kinase (STRIPAK) core complex to regulate dendritic spine distribution of the STRIPAK complex in hippocampal neurons.

Cellular Location

Cytoplasm, cell cortex {ECO:0000250|UniProtKB:B9EJA2}. Cell projection, dendritic spine {ECO:0000250|UniProtKB:Q2IBD4}. Note=Remains associated with dendritic spines even after glutamate stimulation {ECO:0000250|UniProtKB:Q2IBD4}

Tissue Location

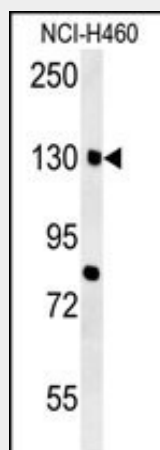
Highest expression in brain. Also expressed in kidney, pancreas, lung, heart, liver, skeletal muscle and placenta

CTTB2 Antibody (N-term) - Protocols

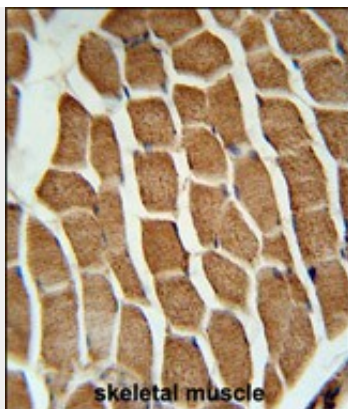
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CTTB2 Antibody (N-term) - Images



CTTB2 Antibody (N-term) (Cat.#AP5490a) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the CTTB2 antibody detected the CTTB2 protein (arrow).



CTTB2 Antibody (N-term) (Cat. #AP5490a) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the CTTB2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

CTTB2 Antibody (N-term) - Background

CTTB2 is a protein with six ankyrin repeats and several proline-rich regions. A similar gene in rat interacts with a central regulator of the actin cytoskeleton. [provided by RefSeq].

CTTB2 Antibody (N-term) - References

Zink, D., et al. J. Cell Biol. 166(6):815-825(2004)
Cheung, J., et al. Genomics 78 (1-2), 7-11 (2001)
Ohoka, Y., et al. Genes Cells 3(9):603-612(1998)