CTBP2 rabbit monoclonal antibody

Catalog # H00001488-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CTBP2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CTBP2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CTBP2 peptide by ELISA and mammalian transfected lysate by W estern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — CTBP2

Entrez GeneID	1488
GeneBank Accession#	CTBP2
Gene Name	CTBP2
Gene Alias	-
Gene Description	C-terminal binding protein 2
Omim ID	602619
Gene Ontology	Hyperlink
Gene Summary	This gene produces alternative transcripts encoding two distinct proteins. One protein is a transcri ptional repressor, while the other isoform is a major component of specialized synapses known a s synaptic ribbons. Both proteins contain a NAD+ binding domain similar to NAD+-dependent 2-h ydroxyacid 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. [provided by RefSeq
Other Designations	OTTHUMP00000020699|OTTHUMP00000020701|ribeye

Pathway

- Chronic myeloid leukemia
- Notch signaling pathway
- Pathways in cancer
- Wnt signaling pathway

Disease

- Alzheimer Disease
- Celiac Disease
- Disease Progression

- Genetic Predisposition to Disease
- Neoplasm Recurrence
- Prostate cancer
- Prostatic Hyperplasia
- Prostatic Neoplasms
- Tobacco Use Disorder