

Rat C-terminal-binding protein 2 (CTBP2) ELISA Kit | CTBP2 elisa kit

Rat C-terminal-binding protein 2 (CTBP2) ELISA Kit

CATALOG #
AAA245939

REACTIVITY
Rat

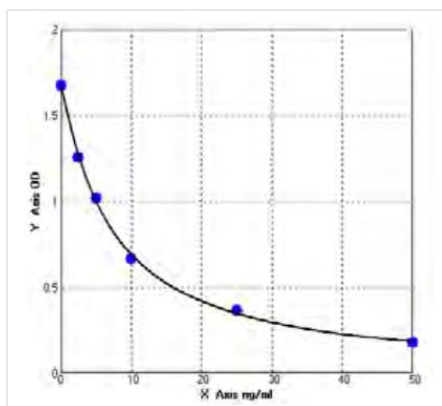
PRODUCT SYNONYMS

C-terminal-binding protein 2 (CTBP2); Rat C-terminal-binding protein 2 (CTBP2) ELISA Kit; CTBP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of CTBP2. No significant cross-reactivity or interference between CTBP2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CTBP2 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 mg/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CTBP2 elisa kit	Principle of the Assay: CTBP2 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CTBP2 antibody and an CTBP2-HRP conjugate. The assay sample and buffer are incubated together with CTBP2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CTBP2 concentration since CTBP2 from samples and CTBP2-HRP conjugate compete for the anti-CTBP2 antibody binding site. Since the number of sites is limited, as more sites are occupied by CTBP2 from the sample, fewer sites are left to bind CTBP2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CTBP2 concentration in each sample is interpolated from this standard curve. Intended Uses: This CTBP2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat CTBP2. This ELISA kit for research use only, not for therapeutic or test applications!
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	145580575
NCBI GeneID	1488
NCBI Accession #	NP_073713.2
NCBI GenBank Nucleotide #	NM_022802.2
Molecular Weight	106,187 Da
NCBI Official Full Name	C-terminal-binding protein 2 isoform 2
NCBI Official Synonym Full Names	C-terminal binding protein 2
NCBI Official Symbol	CTBP2
NCBI Protein Information	C-terminal-binding protein 2; ribeye
UniProt Protein Name	C-terminal-binding protein 2
UniProt Gene Name	CTBP2
UniProt Synonym Gene Names	CtBP2
UniProt Entry Name	CTBP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/c-terminal-binding-protein-2-ctbp2/245939>