

Datasheet: AHP3034

BATCH NUMBER 160802

Description:	RABBIT ANTI HUMAN CtBP2
Specificity:	CtBP2
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/500 - 1/1000
Chromatin Immunoprecipitation	▪			10 µl per ChIP

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Antiserum Preparation

Antiserum to human CtBP2 was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.035% Sodium Azide (NaN₃)
30% Glycerol

Carrier Free	Yes
Immunogen	A peptide in the C-terminal region of human CtBP2
External Database Links	<p>UniProt: P56545 Related reagents</p> <p>Entrez Gene: 1488 CTBP2 Related reagents</p>
Specificity	<p>Rabbit anti Human CtBP2 antibody recognizes C-terminal-binding protein 2.</p> <p>CtBP2 is a protein that in humans is encoded by the <i>CtBP2</i> gene (Turner and Crossley, 2001). In mammals, C-terminal binding proteins (CtBP1 and CtBP2) function as transcriptional corepressors (Shi et al. 2004). CtBPs bind to many different DNA-binding proteins as well as other co-repressors, such as friend of GATA (Fog), that are themselves bound to DNA-binding proteins (Fox et al. 1999). CtBPs are also able to dimerize and multimerize to bridge larger transcriptional complexes and function as scaffold proteins that enable the assembly of gene repression complexes. In mammals, there are two distinct isoforms of CtBP2; a 56 kDa isoform that functions as a transcriptional repressor, and a 106 kDa isoform that is a major component of specialized synapses known as synaptic ribbons.</p> <p>Rabbit anti human CtBP2 antibody recognizes both isoforms 1 and 2 of CtBP2.</p>
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10049 available at: https://www.bio-rad-antibodies.com/SDS/AHP3034 10049
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)	FITC
Sheep Anti Rabbit IgG (STAR35...)	RPE
Goat Anti Rabbit IgG (H/L) (STAR124...)	HRP

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

'M394865:220218'

Printed on 18 Jan 2024

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