

Datasheet: VPA00700

Description:	RABBIT ANTI CEBPA
Specificity:	CEBPA
Format:	Purified
Product Type:	PrecisionAb™ Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

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	■			1/1000

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependant on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Rabbit polyclonal antibody purified by affinity chromatography
Buffer Solution	TRIS buffered glycine
Preservative Stabilisers	0.01% Thiomersal <50% Glycerol
Immunogen	Carrier-protein conjugated synthetic peptide encompassing part of the N-terminal region of human CEBPA
External Database Links	UniProt: P49715 Related reagents Entrez Gene: 1050 CEBPA Related reagents

Specificity **Rabbit anti Human CEBPA antibody** recognizes the CCAAT/enhancer-binding protein alpha, also known as CCAAT/enhancer-binding protein alpha, CEBP, or C/EBP-beta.

The protein encoded by the CEBPA intronless gene is a bZIP transcription factor which can bind as

a homodimer to certain promoters and enhancers. It can also form heterodimers with the related proteins CEBP-beta and CEBP-gamma. The encoded protein has been shown to bind to the promoter and modulate the expression of the gene encoding leptin, a protein that plays an important role in body weight homeostasis. Also, the encoded protein can interact with CDK2 and CDK4, thereby inhibiting these kinases and causing growth arrest in cultured cells (provided by RefSeq, Jul 2008).

Rabbit anti Human CEBPA antibody detects a band of 42 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting	Rabbit anti CEBPA detects a band of approximately 42 kDa in THP-1 cell lysates
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles.
Shelf Life	As supplied, 12 months from date of despatch.
Acknowledgements	PrecisionAb™ is a trademark of Bio-Rad Laboratories.
Health And Safety Information	Material Safety Datasheet documentation #20357 available at: Antibody (20357): https://www.bio-rad-antibodies.com/uploads/MSDS/20357.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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