

Datasheet: AHP2416

BATCH NUMBER 157189

Description:	RABBIT ANTI E3 UBIQUITIN-PROTEIN LIGASE CBL
Specificity:	E3 UBIQUITIN-PROTEIN LIGASE CBL
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

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	▪			1/200

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, Rat

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

Preparation

Purified IgG prepared by affinity chromatography

Antiserum Preparation

Antiserum to E3 ubiquitin-protein ligase CBL was raised by repeated immunisation of rabbits with highly purified antigen

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.1% Sodium Azide (NaN₃)

0.2% Gelatin

Approx. Protein Concentrations	IgG concentration 0.2 mg/ml
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Immunogen	Peptide mapping to the carboxy terminal domain of human E3 ubiquitin-protein ligase CBL
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External Database Links	UniProt: P22681 Related reagents
	Entrez Gene: 867 CBL Related reagents

Synonyms	CBL2, RNF55
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Specificity	<p>Rabbit anti E3 ubiquitin-protein ligase CBL antibody recognizes the Casitas B-lineage lymphoma (CBL) E3 ubiquitin ligase, also known as c-CBL proto-oncogene and ring finger protein 55. As the name implies, the viral form of CBL, v-CBL, has been shown to induce lymphoma and leukemia in mice (de Jong et al. 1995).</p> <p>The CBL protein is a RING finger E3-ubiquitin ligase that plays a key role in signal transduction processes through mediating monoubiquitination and thereby endocytosis of receptor tyrosine kinases (Haglund et al. 2002, Dikic and Giordano 2003). In addition to this role, CBL has also been reported to act as an adaptor protein as well as a mediator of cell signaling processes by changing the cellular localization of substrates (Liyasova et al. 2015).</p>
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Western Blotting	Rabbit anti E3 ubiquitin-protein ligase CBL recognizes a band of approximately 117 kDa when run under reducing conditions
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Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.
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Guarantee	12 months from date of despatch
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Health And Safety Information	Material Safety Datasheet documentation #20341 available at: https://www.bio-rad-antibodies.com/SDS/AHP2416 20341
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

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

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@680](#), [DyLight@800](#)

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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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

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