

Datasheet: AHP2416

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.
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	0.1% Sodium Azide (NaN ₃)
Stabilisers	0.2% Gelatin
Approx. Protein Concentrations	IgG concentration 0.2 mg/ml
Immunogen	Peptide mapping to the carboxy terminal domain of human E3 ubiquitin-protein ligase CBL
External Database Links	UniProt: P22681 Related reagents

Entrez Gene:[867](#) CBL [Related reagents](#)

Synonyms	CBL2, RNF55
Specificity	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 <i>et al.</i> 1995). 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 <i>et al.</i> 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 <i>et al.</i> 2015).
Western Blotting	Rabbit anti E3 ubiquitin-protein ligase CBL recognizes a band of approximately 117 kDa when run under reducing conditions
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.
Shelf Life	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #20341 available at: 20341: https://www.bio-rad-antibodies.com/uploads/MSDS/20341.pdf
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](#)
Sheep Anti Rabbit IgG (2AB02...) [Biotin](#)
Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®549](#), [DyLight®649](#),
[DyLight®680](#), [DyLight®800](#)

Recommended Useful Reagents

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

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