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## Datasheet for ABIN6259626 anti-CREB3L3 antibody (Internal Region)





Overview

| Quantity:            | 100 µL                                 |
|----------------------|--|
| Target:              | CREB3L3                                |
| Binding Specificity: | Internal Region                        |
| Reactivity:          | Human, Mouse, Rat                      |
| Host:                | Rabbit                                 |
| Clonality:           | Polyclonal                             |
| Conjugate:           | This CREB3L3 antibody is un-conjugated |
| Application:         | Western Blotting (WB), ELISA           |

## Product Details

| Immunogen:            | A synthesized peptide derived from human CREB3L3, corresponding to a region within the internal amino acids.                           |
|-----------------------|--|
| lsotype:              | lgG  |
| Specificity:          | CREB3L3 Antibody detects endogenous levels of total CREB3L3.   |
| Predicted Reactivity: | Pig,Bovine,Sheep,Dog,Chicken   |
| Purification:         | The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific). |

Target Details

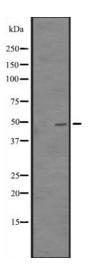
Target:

CREB3L3

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| Target Details      |  |
|---------------------|--|
| Alternative Name:   | CREB3L3 (CREB3L3 Products)   |
| Background:         | Description: Transcription factor that may act during endoplasmic reticulum stress by<br>activating unfolded protein response target genes. Activated in response to cAMP stimulation.<br>In vitro, binds to the cAMP response element (CRE) and box-B element. Activates transcription<br>through box-B element. Activates transcription through CRE (By similarity). Seems to function<br>synergistically with ATF6. In acute inflammatory response, may activate expression of acute<br>phase response (APR) genes. May be involved in growth suppression.<br>Gene: CREB3L3 |
| Molecular Weight:   | 49 kDa   |
| Gene ID:            | 84699  |
| UniProt:            | Q68CJ9   |
| Pathways:           | Thyroid Hormone Synthesis  |
| Application Details |  |
| Application Notes:  | WB 1:500-1:2000, ELISA(peptide) 1:20000-1:40000  |
| Restrictions:       | For Research Use only  |
| Handling            |  |
| Format:             | Liquid   |
| Concentration:      | 1 mg/mL  |
| Buffer:             | Rabbit IgG in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.   |
| Preservative:       | Sodium azide   |
| Precaution of Use:  | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.   |
| Storage:            | -20 °C   |
| Expiry Date:        | 12 months  |

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## Western Blotting

**Image 1.** Western blot analysis of CREB3L3 expression in IMR32 whole cell lysate ,The lane on the left is treated with the antigen-specific peptide.

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