

## Datasheet for ABIN2778029

# anti-CBLL1 antibody (N-Term)





#### Overview

| 0.1011                |   |
|-----------------------|---|
| Quantity:             | 100 μL  |
| Target:               | CBLL1   |
| Binding Specificity:  | N-Term  |
| Reactivity:           | Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Zebrafish (Danio rerio), Guinea Pig   |
| Host:                 | Rabbit  |
| Clonality:            | Polyclonal  |
| Conjugate:            | This CBLL1 antibody is un-conjugated  |
| Application:          | Western Blotting (WB)   |
| Product Details       |   |
| Immunogen:            | The immunogen is a synthetic peptide directed towards the N terminal region of human CBLL1                                      |
| Sequence:             | MDHTDNELQG TNSSGSLGGL DVRRRIPIKL ISKQANKAKP APRTQRTINR  |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 86%          |
| Characteristics:      | This is a rabbit polyclonal antibody against CBLL1. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification:         | Affinity Purified   |
| Target Details        |   |
| Target:               | CBLL1   |
|                       |   |

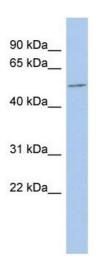
## Target Details

| Alternative Name:   | CBLL1 (CBLL1 Products)  |
|---------------------|---|
| Background:         | Epithelial cell cadherin is endocytosed as a consequence of tyrosine phosphorylation and            |
|                     | ubiquitination. CBLL1 is an E3 ubiquitin ligase that mediates ubiquitination of the CDH1            |
|                     | complex.Epithelial cell cadherin (CDH1, MIM 192090) is endocytosed as a consequence of              |
|                     | tyrosine phosphorylation and ubiquitination. HAKAI is an E3 ubiquitin ligase (see UBE3A, MIM        |
|                     | 601623) that mediates ubiquitination of the CDH1 complex. Epithelial cell cadherin (CDH1, MIM       |
|                     | 192090) is endocytosed as a consequence of tyrosine phosphorylation and ubiquitination.             |
|                     | HAKAI is an E3 ubiquitin ligase (see UBE3A, MIM 601623) that mediates ubiquitination of the         |
|                     | CDH1 complex.[supplied by OMIM].  |
|                     | Alias Symbols: FLJ23109, HAKAI, MGC163401, MGC163403, RNF188  |
|                     | Protein Interaction Partner: DGCR6, SUMO1, UBC, CDH1, RNF2, YWHAQ, SFPQ, Cbll1, ESR1,               |
|                     | CTTN, DOK1, SRC, CDC42,   |
|                     | Protein Size: 491   |
| Molecular Weight:   | 55 kDa  |
| Gene ID:            | 79872   |
| NCBI Accession:     | NM_024814, NP_079090  |
| UniProt:            | Q75N03  |
| Application Details |   |
| Application Notes:  | Optimal working dilutions should be determined experimentally by the investigator.                  |
| Comment:            | Antigen size: 491 AA  |
| Restrictions:       | For Research Use only   |
| Handling            |   |
| Format:             | Liquid  |
| Concentration:      | Lot specific  |
| Buffer:             | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative:       | Sodium azide  |
| Precaution of Use:  | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which                       |
|                     | should be handled by trained staff only.  |

### Handling

| Handling Advice: | Avoid repeated freeze-thaw cycles.  |
|------------------|---|
| Storage:         | -20 °C  |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |

#### **Images**



#### **Western Blotting**

**Image 1.** WB Suggested Anti-CBLL1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: THP-1 cell lysate