

## Datasheet for ABIN7112900 **anti-COTL1 antibody**

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### Overview

|              |  |
|--------------|--|
| Quantity:    | 100 µg   |
| Target:      | COTL1  |
| Reactivity:  | Human, Mouse, Rat  |
| Host:        | Rabbit   |
| Clonality:   | Polyclonal   |
| Conjugate:   | This COTL1 antibody is un-conjugated                     |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), ELISA |

### Product Details

|               |                                 |
|---------------|---------------------------------|
| Immunogen:    | coactosin-like 1                |
| Isotype:      | IgG                             |
| Purification: | Immunogen affinity purified     |
| Purity:       | ≥95 % as determined by SDS-PAGE |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | COTL1   |
| Alternative Name: | COTL1 ( <a href="#">COTL1 Products</a> )  |
| Background:       | Synonyms:CLP Background:This gene encodes one of the numerous actin-binding proteins which regulate the actin cytoskeleton. This protein binds F-actin, and also interacts with 5-lipoxygenase, which is the first committed enzyme in leukotriene biosynthesis. Although this gene has been reported to map to chromosome 17 in the Smith-Magenis syndrome region, the |

### Target Details

|                   |   |
|-------------------|---|
|                   | best alignments for this gene are to chromosome 16. The Smith-Magenis syndrome region is the site of two related pseudogenes. |
| Molecular Weight: | 14 kDa  |
| Gene ID:          | 23406   |
| UniProt:          | <a href="#">Q14019</a>  |

### Application Details

|                    |                                       |
|--------------------|---------------------------------------|
| Application Notes: | WB: 1:500 - 1:2000, IHC: 1:50 - 1:100 |
| Restrictions:      | For Research Use only                 |

### Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Buffer:            | PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3 ,  |
| 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   |
| Storage Comment:   | -20°C for 12 months (Avoid repeated freeze / thaw cycles.)   |
| Expiry Date:       | 12 months  |