



Rabbit Anti-Human COTL1 Polyclonal Antibody (CABT-L2243)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Product Overview | Polyclonal Antibody to Coactosin Like Protein 1 (Knockout Validated) |
| Specificity | The antibody is a rabbit polyclonal antibody raised against COTL1. It has been selected for its ability to recognize COTL1 in immunohistochemical staining and western blotting. |
| Target | COTL1 |
| Immunogen | Recombinant fragment corresponding to human COTL1 (Met1~Glu142) |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human, Mouse |
| Purification | Antigen-specific affinity chromatography followed by Protein A affinity chromatography |
| Conjugate | Unconjugated |
| Applications | WB |
| Format | Liquid |
| Concentration | Lot specific |
| Size | 200 µg |
| Buffer | Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4. |
| Preservative | 0.05% Proclin-300 |

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| Storage | Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months. |
| Ship | 4°C with ice bags |

BACKGROUND

Introduction 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 best alignments for this gene are to chromosome 16. The Smith-Magenis syndrome region is the site of two related pseudogenes. [provided by RefSeq, Jul 2008]

Keywords CLP

GENE INFORMATION

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|----------------------------|---|
| Gene Name | COTL1 coactosin-like F-actin binding protein 1 [Homo sapiens (human)] |
| Official Symbol | COTL1 |
| Synonyms | COTL1; coactosin-like F-actin binding protein 1; CLP; coactosin-like protein; coactosin-like 1; |
| Entrez Gene ID | 23406 |
| Protein Refseq | NP_066972 |
| UniProt ID | Q14019 |
| Chromosome Location | 16q24.1 |
| Function | actin binding; enzyme binding; protein binding; |