

## Rabbit anti-Human CRELD2 Polyclonal Antibody | anti-CRELD2 antibody

CRELD2 Antibody (C-term)

|                               |                       |                            |                                                                              |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA283876</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Flow Cytometry, Functional Assay, ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------------------|

### PRODUCT SYNONYMS

CRELD2; Polyclonal Antibody; CRELD2 Antibody (C-term); Cysteine-rich with EGF-like domain protein 2; anti-CRELD2 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                              |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                       |
| Reactivity                                       | Human                                                                                                                                                                        |
| Clonality                                        | Polyclonal                                                                                                                                                                   |
| Isotype                                          | Rabbit Ig                                                                                                                                                                    |
| Specificity                                      | This CRELD2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 325-353 amino acids from the C-terminal region of human CRELD2.     |
| Purity/Purification                              | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                      | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                    | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                               | 325-353                                                                                                                                                                      |
| Sequence Length                                  | 373                                                                                                                                                                          |
| Applicable Applications for anti-CRELD2 antibody | FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)                                                                                                                          |
| Antigen Type                                     | Synthetic Peptide                                                                                                                                                            |
| Antigen Source                                   | HUMAN                                                                                                                                                                        |
| Preparation and Storage                          | Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                       |

### IMAGES



#### FCM/FACS (Flow Cytometry)

CRELD2 Antibody (C-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



#### WB (Western Blot)

Western blot analysis of CRELD2 Antibody (C-term) in 293 cell line lysates (35ug/lane). CRELD2 (arrow) was detected using the purified Pab.

### ADDITIONAL INFORMATION

|                                                      |                                                                                |
|------------------------------------------------------|--------------------------------------------------------------------------------|
| Related Product Information for anti-CRELD2 antibody | CRELD2 may regulate transport of alpha4-beta2 neuronal acetylcholine receptor. |
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|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-CRELD2 antibody | Cell biology; Neuroscience                                                                                  |
| References                                         | Maslen,C.L., et.al., Gene 382, 111-120 (2006)<br>Ortiz,J.A., et.al., J. Neurochem. 95 (6), 1585-1596 (2005) |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 205360956                                                              |
| NCBI GeneID                      | 79174                                                                  |
| NCBI Accession #                 | NP_001128573.1; NP_077300.3                                            |
| NCBI GenBank Nucleotide #        | NM_001135101.2                                                         |
| UniProt Accession #              | Q6UXH1; Q4W0V0; Q86UC0; Q9BU47; A5GZA2; A5GZA3; A5GZA4; A5GZA5; A5GZA6 |
| Molecular Weight                 | 38192                                                                  |
| NCBI Official Full Name          | cysteine-rich with EGF-like domain protein 2 isoform a                 |
| NCBI Official Synonym Full Names | cysteine-rich with EGF-like domains 2                                  |
| NCBI Official Symbol             | CRELD2                                                                 |
| NCBI Protein Information         | cysteine-rich with EGF-like domain protein 2                           |
| UniProt Protein Name             | Cysteine-rich with EGF-like domain protein 2                           |
| UniProt Gene Name                | CRELD2                                                                 |
| UniProt Entry Name               | CREL2_HUMAN                                                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.