

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

CRELD2 Polyclonal Antibody

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA169975</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

CRELD2; Polyclonal Antibody; CRELD2 Polyclonal Antibody; CREL2; CRELD 2; MGC11256; anti-CRELD2 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                        |
|--------------------------------------------------|------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                 |
| Reactivity                                       | Human                                                                  |
| Clonality                                        | Polyclonal                                                             |
| Isotype                                          | IgG                                                                    |
| Purity/Purification                              | Affinity purification                                                  |
| Form/Format                                      | PBS with 0.05% sodium azide and 50% glycerol, PH7.4                    |
| Sequence Length                                  | 321                                                                    |
| Applicable Applications for anti-CRELD2 antibody | IHC (Immunohistochemistry), WB (Western Blot), ELISA                   |
| Immunogen                                        | Recombinant protein of human CRELD2                                    |
| Conjugation                                      | Unconjugated                                                           |
| Note                                             | Centrifuge before opening to ensure complete recovery of vial contents |
| Preparation and Storage                          | Store at -20 degree C. Avoid freeze / thaw cycles.                     |

### IMAGES



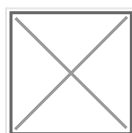
#### IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded Human gastric cancer using CRELD2 Polyclonal Antibody at dilution of 1:50



#### IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer using CRELD2 Polyclonal Antibody at dilution of 1:50



#### WB (Western Blot)

Western Blot analysis of Human normal colon tissue using CRELD2 Polyclonal Antibody at dilution of 1:550Calculated MW: 38kDa

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CRELD2 antibody | Background: The epidermal growth factor (EGF) repeat-containing proteins constitute an expanding family of proteins that are involved in several cellular activities, such as blood coagulation, fibrinolysis, cell adhesion and neural and vertebrate development. CRELD2 (cysteine-rich with EGF-like domains 2) is a 353 amino acid protein that is ubiquitously expressed and contains two FU domains and two EGF-like domains. Localized to the endoplasmic reticulum and secreted into the cell, CRELD2 interacts with AChR $\alpha$ 4, possibly regulating its transport. Human CRELD2 shares 69% amino acid identity with its mouse counterpart, suggesting a conserved role between species. Multiple isoforms of CRELD2 exist due to alternative splicing events. The gene encoding CRELD2 maps to human chromosome 22, which houses over 500 genes and is the second smallest human chromosome. Mutations in several of the genes that map to chromosome 22 are involved in the development of Phelan-McDermid syndrome, Neurofibromatosis type 2, autism and schizophrenia. |
|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                        |
|----------------------------------|------------------------------------------------------------------------|
| NCBI GI #                        | 546231991                                                              |
| NCBI GeneID                      | 79174                                                                  |
| NCBI Accession #                 | BC002894                                                               |
| NCBI GenBank Nucleotide #        | NM_001284318.1                                                         |
| UniProt Accession #              | Q6UXH1; Q4W0V0; Q86UC0; Q9BU47; A5GZA2; A5GZA3; A5GZA4; A5GZA5; A5GZA6 |
| NCBI Official Full Name          | cysteine-rich with EGF-like domain protein 2 isoform d                 |
| 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/creld2-antibody-immunohistochemistry-western-blot-elisa/169975>