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# CRELD2 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18981a

## Product Information

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| **Application** | WB, E |
| **Primary Accession** | Q6UXH1 |
| **Other Accession** | Q2KIT5, NP_077300.3 |
| **Reactivity** | Human |
| **Predicted** | Bovine |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Isotype** | Rabbit IgG |
| **Clone Names** | RB39214 |
| **Calculated MW** | 38192 |
| **Antigen Region** | 23-51 |

## Additional Information

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| **Gene ID** | 79174 |
| **Other Names** | Cysteine-rich with EGF-like domain protein 2, CRELD2 |
| **Target/Specificity** | This CRELD2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 23-51 amino acids from the N-terminal region of human CRELD2. |
| **Dilution** | WB~~1:1000 E~~Use at an assay dependent concentration. |
| **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. |
| **Storage** | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| **Precautions** | CRELD2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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| **Name** | CRELD2 |
| **Function** | Protein disulfide isomerase (By similarity). Might play a role in the unfolded protein response (By similarity). May regulate transport of alpha4-beta2 neuronal acetylcholine receptor (PubMed:16238698). |

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| **Cellular Location** | Endoplasmic reticulum |
| **Tissue Location** | Ubiquitously expressed (PubMed:16238698). Highly expressed in skeletal muscle, heart, liver, kidney and placenta (PubMed:16238698). |

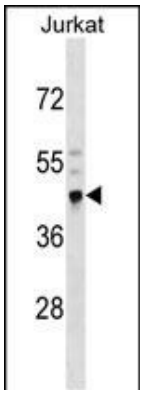
## Background

CRELD2 may regulate transport of alpha4-beta2 neuronal acetylcholine receptor.

## References


Maslen, C.L., et al. Gene 382, 111-120 (2006) :
Ortiz, J.A., et al. J. Neurochem. 95(6):1585-1596(2005)
Zhang, Z., et al. Protein Sci. 13(10):2819-2824(2004)
Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)
Rupp, P.A., et al. Gene 293 (1-2), 47-57 (2002) :


## Images




CRELD2 Antibody (N-term) (Cat. #AP18981a) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the CRELD2 antibody detected the CRELD2 protein (arrow).