CRELD2 Polyclonal Antibody

catalog number: E-AB-11103

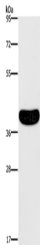
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant protein of human CRELD2
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

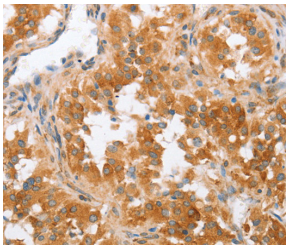
Applications	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:200

Data

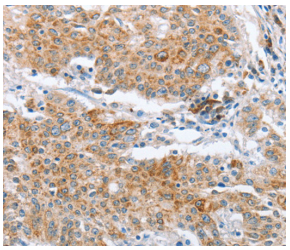


Western Blot analysis of Human normal colon tissue using CRELD2 Polyclonal Antibody at dilution of 1:550

Calculated-MW:38 kDa



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



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

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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 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.