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Rabbit Anti-EFCAB4A antibody

SL14511R

Product Name:	EFCAB4A
Chinese Name:	EFCAB4A蛋白抗体
Alias:	EF-CAB4A; Calcium release-activated calcium channel regulator 2B; CRAC channel regulator 2B; CRACR2B; EF-hand calcium-binding domain-containing protein 4A; EFC4A_HUMAN; Efcab4a.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Horse,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	45kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human EFCAB4A:151-250/399
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	EF-CAB4A is a 399 amino acid protein belonging to the EFCAB4 family. Containing two EF-hand domains, EF-CAB4A may be involved in store-operated Ca2+ entry (SOCE). EF-CAB4A exists as three alternatively spliced isoforms, and is encoded by a gene mapping to human chromosome 11p15.5. With approximately 135 million base pairs and 1,400 genes, chromosome 11 makes up around 4% of human genomic DNA

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and is considered a gene and disease association dense chromosome. Wilms' tumors, WAGR syndrome and Denys-Drash syndrome are associated with mutations of the WT1 gene. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are also associated with defects in chromosome 11.

Function:
Plays a role in store-operated Ca(2+) entry (SOCE).

Similarity:
Belongs to the EFCAB4 family.
Contains 2 EF-hand domains.

SWISS:
Q8N4Y2

Gene ID:
283229

Database links:

Entrez Gene: 283229 Human

Entrez Gene: 213573 Mouse

Entrez Gene: 309112 Rat

Omim: 614177 Human

SwissProt: Q8N4Y2 Human

SwissProt: Q80ZJ8 Mouse

SwissProt: B0BNK9 Rat

Unigene: 660936 Human

Unigene: 386851 Mouse

Unigene: 13220 Rat

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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