

Nur für Forschungszwecke

CRACR2A Polyklonaler Antikörper

Katalog-Nr.:15206-1-AP

Vorgestelltes Produkt

5 Publikationen



Allgemeine Informationen

Katalog-Nr.:

15206-1-AP

Größe:

150ul, Konzentration: 700 µg/ml von Nanodrop und 400 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG7358

GenBank-Zugangsnummer:

BC004524

GeneID (NCBI):

84766

Vollständiger Name:

EF-hand calcium binding domain 4B

Berechnete Masse:

46 kDa

Beobachtete Masse:

46 kDa, 80-90 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000
IP 0.5-4.0 µg für IP und 1:500-1:1000 für WB
IHC 1:200-1:800
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IP, WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human, Maus

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB: Jurkat-Zellen, Daudi-Zellen, HeLa-Zellen

IP: Jurkat-Zellen,

IHC: humanes Tonsillitisgewebe,

IF: HEK-293-Zellen,

Hintergrundinformationen

CRACR2A (also called CRAC regulator 2A, EFCAB4B) is a cytoplasmic Ca²⁺ sensor predominantly expressed in lymphocytes. It has two isoforms: a long isoform of CRACR2A-a around 80-90 kDa and a short isoform of CRACR2A-c around 46 kDa. CRACR2A-c is involved in the regulation of Ca²⁺-NFAT signaling. CRACR2A-a exists in a GTP- and Golgi membrane-bound form in resting T cells, while it is present in subsynaptic vesicles that translocated from the Golgi region to the immunological synapse after ligation of TCRs. This antibody recognizes both of CRACR2A-c and CRACR2A-a.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Katarina T Miteva	31092558	J Cell Biol	WB,IF
Jin Seok Woo	29987160	J Immunol	WB
Lucia Pedicini	33603063	Sci Rep	IP,IF,WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

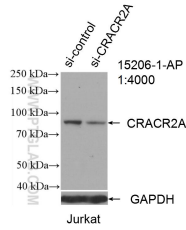
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

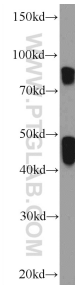
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

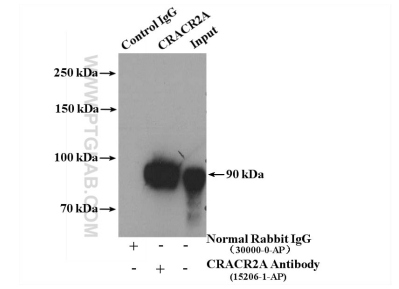
Ausgewählte Validierungsdaten



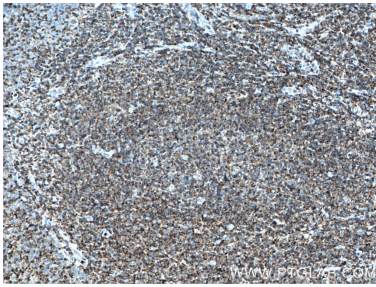
WB result of CRACR2A antibody (15206-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CRACR2A transfected Jurkat cells.



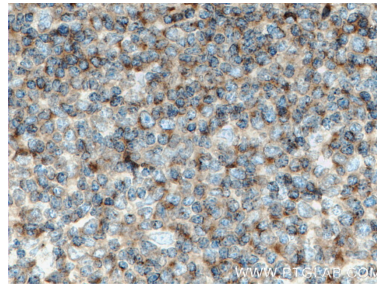
Jurkat cells were subjected to SDS PAGE followed by western blot with 15206-1-AP (CRACR2A antibody at dilution of 1:600 incubated at room temperature for 1.5 hours.



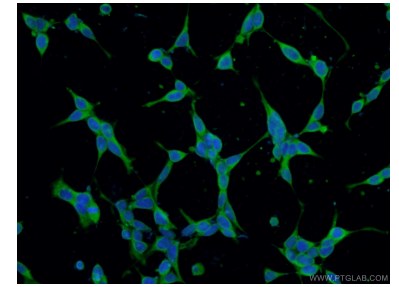
IP Result of anti-CRACR2A (IP:15206-1-AP, 4ug; Detection:15206-1-AP 1:500) with Jurkat cells lysate 3200ug.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 15206-1-AP (CRACR2A antibody) at dilution of 1:400 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 15206-1-AP (CRACR2A antibody) at dilution of 1:400 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using 15206-1-AP (CRACR2A antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).