

ORAI1 antibody

Product Information

Catalog No.:	FNab06001
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

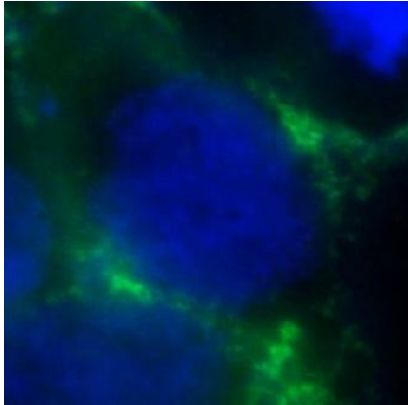
Ca(2+) release-activated Ca(2+)(CRAC) channel subunit which mediates Ca(2+) influx following depletion of intracellular Ca(2+) stores and channel activation by the Ca(2+) sensor, STIM1 . CRAC channels are the main pathway for Ca(2+) influx in T-cells and promote the immune response to pathogens by activating the transcription factor NFAT(PubMed:16582901).

Immunogen information

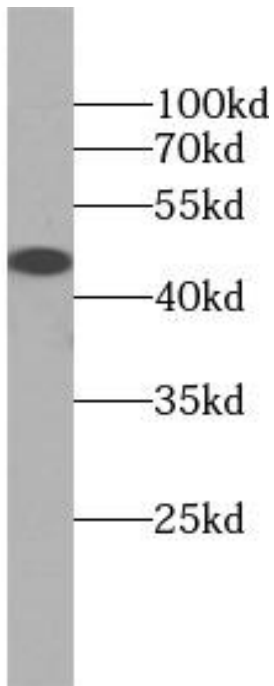
Immunogen:	ORAI calcium release-activated calcium modulator 1
Synonyms:	Calcium release-activated calcium channel protein 1 Protein orai-1 Transmembrane protein 142A ORAI1 CRACM1 TMEM142A
Observed MW:	45 kDa
Uniprot ID :	Q96D31

Application

Reactivity:	Human, Mouse, Rat, Zebrafish
Tested Application:	ELISA, WB, IF
Recommended dilution:	WB: 1:500-1:1000; IF: 1:10-1:100
Image:	



Immunofluorescent analysis of HEK-293 cells using FNab06001 (ORAI1 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L)



Jurkat cells were subjected to SDS PAGE followed by western blot with FNab06001(ORAI1 antibody) at dilution of 1:800