

KCNN4 antibody

Product Information

Catalog No.:	FNab04498
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

Forms a voltage-independent potassium channel that is activated by intracellular calcium(PubMed:26148990). Activation is followed by membrane hyperpolarization which promotes calcium influx. Required for maximal calcium influx and proliferation during the reactivation of naive T-cells. The channel is blocked by clotrimazole and charybdotoxin but is insensitive to apamin(PubMed:17157250, PubMed:18796614).

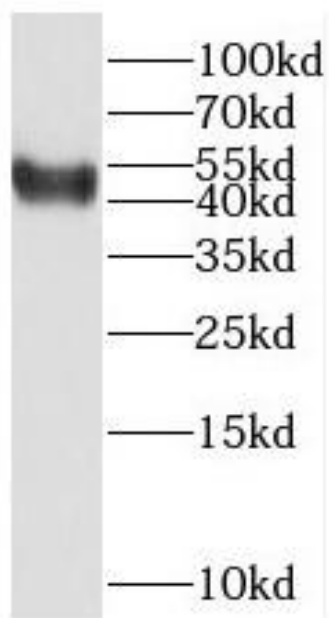
Immunogen information

Immunogen:	potassium intermediate/small conductance calcium-activated channel, subfamily N, member 4
Synonyms:	Intermediate conductance calcium-activated potassium channel protein 4 (SK4, SKCa 4, SKCa4) IKCa1 (IK1) KCa3.1 KCa4 Putative Gardos channel KCNN4 IK1 IKCA1 KCA4 SK4
Observed MW:	48 kDa
Uniprot ID :	O15554

Application

Reactivity:	Human
Tested Application:	ELISA, WB
Recommended dilution: WB:	1:500-1:2000

Image:



HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab04498(KCNN4 Antibody) at dilution of 1:1000