

Immunotag™ KCNN4 Antibody

Antibody Specification	
Catalog No.	ITA5011
Product Description	Immunotag™ KCNN4 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	KCNN4
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:500~1:1000, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	KCNN4 Antibody detects endogenous levels of total KCNN4
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	KCNN4
Accession No.	O15554
Alternate Names	DHS2; hIKCa1; hKCa4; hSK4; IK; IK1; IKCa1; Intermediate conductance calcium activated potassium channel protein 4; Intermediate conductance calcium-activated potassium channel protein 4; KCa3.1; KCa4; KCNN 4; Kcnn4; KCNN4_HUMAN; Potassium calcium activated channel subfamily N member 4; Potassium intermediate/small conductance calcium activated channel, subfamily N, member 4; Putative Gardos channel; SK4; SKCa 4; SKCa4;

Antibody Specification

Description	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).
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	48 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.