

Datasheet for ABIN7117705 **anti-KCNN4 antibody**



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Overview

Quantity:	100 µg
Target:	KCNN4
Reactivity:	Human, Rat, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This KCNN4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	potassium intermediate/small conductance calcium-activated channel, subfamily N, member 4
Clone:	8A11
Isotype:	IgG2a
Purification:	Protein A+G purification
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	KCNN4
Alternative Name:	KCNN4 (KCNN4 Products)
Background:	Synonyms:IK1, IKCA1, KCA4, SK4 Background:Forms a voltage-independent potassium channel that is activated by intracellular calcium(PubMed:26148990). Activation is followed by

Target Details

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).

Molecular Weight:	48 kDa
Gene ID:	3783
UniProt:	O15554

Application Details

Application Notes:	WB: 1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months