Product datasheet

Anti-Kv1.1/KCNA1 Antibody (Clone#FFI-11)

Catalog Number: *BM4535*

BOSTER
antibody and ELISA experts
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Basic Information

Product Name	Anti-Kv1.1/KCNA1 Antibody (Clone#FFI-11)
Gene Name	KCNA1
Source	Rabbit
Clonality	Monoclonal
Isotype	IgG
Species Reactivity	human
Tested Application	WB, IP
Contents	500 ug/ml; Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide, 0.4-0.5 mg/ml BSA and 50% glycerol.
Immunogen	A synthesized peptide derived from human KCNA1
Concentration	500 ug/ml
Purification	Affinity-chromatography
Observed MW	56,90 kDa
Dilution Ratios	Western blot (WB): 1:1000-5000 ImmunoPrecipitation (IP):1:10

Storage

12 months from date of receipt，-20℃ as supplied. 6 months 2 to 8℃ after reconstitution. Avoid repeated freezing and thawing.

Background Information

Potassium voltage-gated channel subfamily A member 1, also known as Kv1.1, is a shaker related voltage-gated potassium channel that in humans is encoded by the KCNA1 gene. It is mapped to 12p13.32. The protein functions as a potassium selective channel through which the potassium ion may pass through in consensus with the electrochemical gradient. The N-terminus of the channel is associated with beta subunits that can modify the inactivation properties of the channel as well as affect expression levels. The C-terminus of the channel is complexed to a PDZ domain protein that is responsible for channel targeting.

Selected Validation Data

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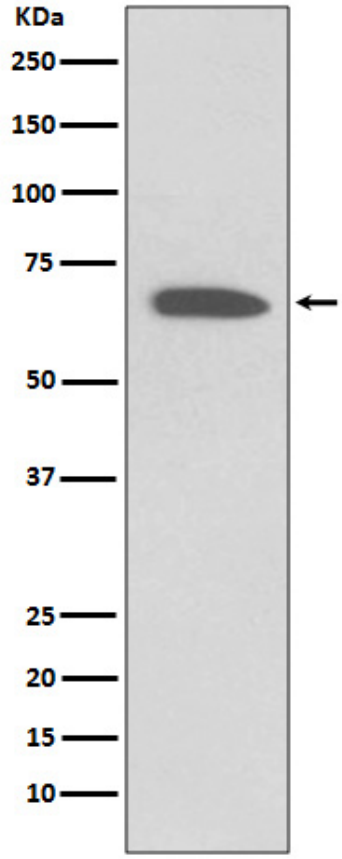

Western blot analysis of KCNA1 expression in Human fetal brain lysate.