

anti-Human, Mouse Kv3.4/KCNC4 Antibody | anti-Kv3.4/KCNC4 antibody

Kv3.4/KCNC4 (Ab-15) Antibody

CATALOG # AAA111602	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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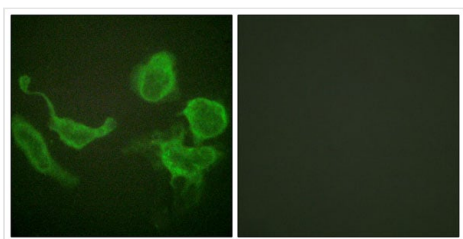
PRODUCT SYNONYMS

Kv3.4/KCNC4; Kv3.4/KCNC4 (Ab-15) Antibody; KCNC4; KSHIIC; potassium channel Kv3.4; potassium voltage-gated channel subfamily C 4; anti-Kv3.4/KCNC4 antibody

PRODUCT SPECIFICATIONS

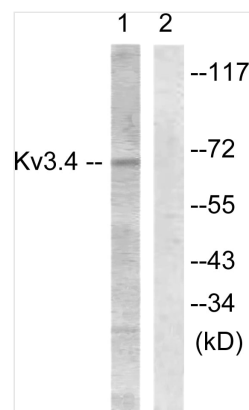
Reactivity	Human, Mouse
Specificity	Kv3.4/KCNC4 (Ab-15) antibody detects endogenous levels of total Kv3.4/KCNC4 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	626
Applicable Applications for anti-Kv3.4/KCNC4 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized non-phosphopeptide derived from human Kv3.4/KCNC4 around the phosphorylation site of serine 15 (R-K-SP-G-N).
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



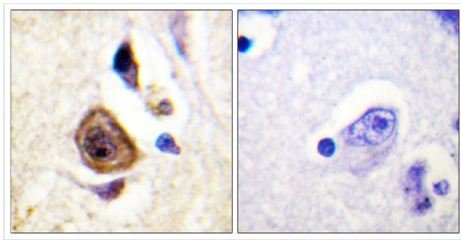
IF (Immunofluorescence)

Peptide-+ Immunofluorescence analysis of HeLa cells, using Kv3.4/KCNC4 (Ab-15) antibody.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using Kv3.4/KCNC4 (Ab-15) antibody. Western blot analysis of extracts from COS7 cells, treated with Anisomycin (25ug/ml, 30mins), using Kv3.4/KCNC4 (Ab-15) antibody.



Application Data
Peptide+

ADDITIONAL INFORMATION

Product Categories/Family for anti-Kv3.4/KCNC4 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	de Miera E.V.-S., Proc. R. Soc. Lond., B, Biol. Sci. 248:9-18(1992). Gregory S.G., Nature 441:315-321(2006). The MGC Project Team; Genome Res. 14:2121-2127(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	88758576
NCBI GeneID	3749
NCBI Accession #	NP_001034663.1
NCBI GenBank Nucleotide #	NM_001039574.2
UniProt Accession #	Q03721; Q3MIM4; Q5TBI6
Molecular Weight	68,824 Da
NCBI Official Full Name	potassium voltage-gated channel subfamily C member 4 isoform c
NCBI Official Synonym Full Names	potassium voltage-gated channel subfamily C member 4
NCBI Official Symbol	KCNC4
NCBI Official Synonym Symbols	KV3.4; C1orf30; KSHIIIC; HKSHIIIC
NCBI Protein Information	potassium voltage-gated channel subfamily C member 4
UniProt Protein Name	Potassium voltage-gated channel subfamily C member 4
UniProt Gene Name	KCNC4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-mouse-antibody/kv3-4-kcnc4/111602>