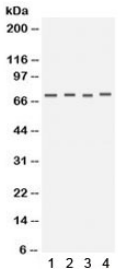
Kv1.4 Antibody (R32018)

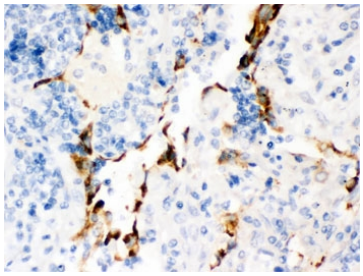
Catalog No.	Formulation	Size
R32018	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P22459
Localization	Cytoplasmic
Applications	Western blot: 0.1-0.5ug/ml IHC (FFPE): 0.5-1ug/ml
Limitations	This Kv1.4 antibody is available for research use only.



Western blot testing of human 1) HeLa, 2) COLO320, 3) HT1080 and 4) PANC cell lysate with Kv1.4 antibody. Expected/observed molecular weight ~73 kDa.



IHC testing of FFPE human lung cancer tissue with Kv1.4 antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.

Description

Potassium voltage-gated channel subfamily A member 4, also known as Kv1.4 or PCN2, mediates transmembrane potassium transport in excitable membranes. Forms tetrameric potassium-selective channels through which potassium ions pass in accordance with their electrochemical gradient. [UniProt]

Application Notes

Optimal dilution of the Kv1.4 antibody should be determined by the researcher.

Immunogen

Amino acids SEYLEMEEGVKESLCAKEEKCQGKGDDSETDKNNCSNAK of human Kv1.4 were used as the immunogen for the Kv1.4 antibody.

Storage

After reconstitution, the Kv1.4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.