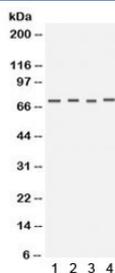


## Kv1.4 Antibody (R32018)

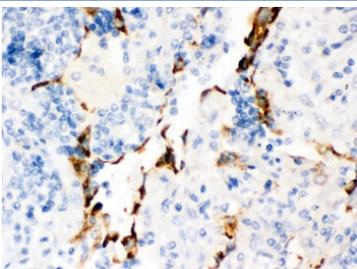
Catalog No.	Formulation	Size
R32018	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
<b>UniProt</b>	P22459
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	Western Blot : 0.1-0.5ug/ml IHC (FFPE) : 0.5-1ug/ml
<b>Limitations</b>	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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.