

Datasheet for ABIN655629  
**anti-KNG1 antibody (N-Term)**

## 4 Images

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## Overview

Quantity:	400 µL
Target:	KNG1
Binding Specificity:	AA 138-166, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KNG1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

## Product Details

Immunogen:	This KNG1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 138-166 amino acids from the N-terminal region of human KNG1.
Clone:	RB18408
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	KNG1
Alternative Name:	KNG1 ( <a href="#">KNG1 Products</a> )

## Target Details

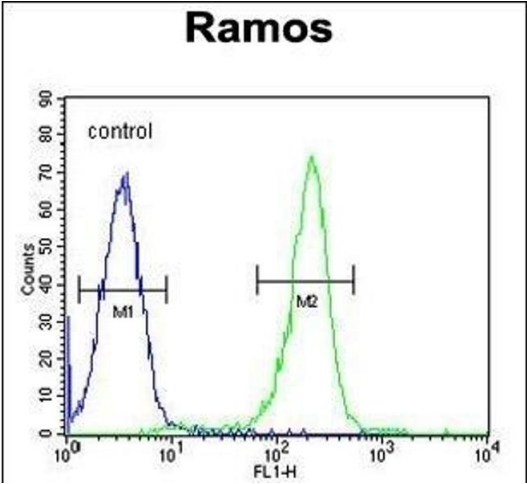
Background:	This gene uses alternative splicing to generate two different proteins- high molecular weight kininogen (HMWK) and low molecular weight kininogen (LMWK). HMWK is essential for blood coagulation and assembly of the kallikrein-kinin system. Also, bradykinin, a peptide causing numerous physiological effects, is released from HMWK. In contrast to HMWK, LMWK is not involved in blood coagulation. Three transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	71957
Gene ID:	3827
NCBI Accession:	<a href="#">NP_000884</a> , <a href="#">NP_001095886</a> , <a href="#">NP_001159923</a>
UniProt:	<a href="#">P01042</a>
Pathways:	<a href="#">ACE Inhibitor Pathway</a> , <a href="#">Glycosaminoglycan Metabolic Process</a>

## Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

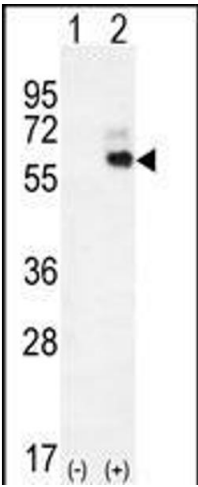
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



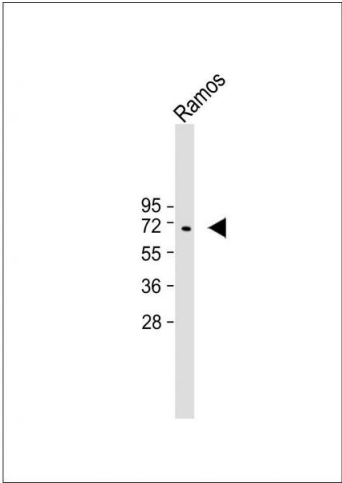
### Flow Cytometry

**Image 1.** KNG1 Antibody (N-term) (ABIN655629 and ABIN2845108) flow cytometric analysis of Ramos cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



### Western Blotting

**Image 2.** Western blot analysis of KNG1 (arrow) using rabbit polyclonal KNG1 Antibody (N-term) (ABIN655629 and ABIN2845108). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the KNG1 gene.



### Western Blotting

**Image 3.** Anti-KNG1 Antibody (N-term) at 1:1000 dilution + Ramos whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 72 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN655629.