

Datasheet for ABIN570930  
**anti-NUAK1 antibody (Internal Region)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	NUAK1
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This NUAK1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Flow Cytometry (FACS)

## Product Details

Purpose:	ARK5 / NUAK1
Immunogen:	Peptide with sequence C-QNRPRPQYLKRYRNR, from the internal region of the protein sequence according to NP_055655.1.
Sequence:	QNRPRPQYLK RYRNR
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

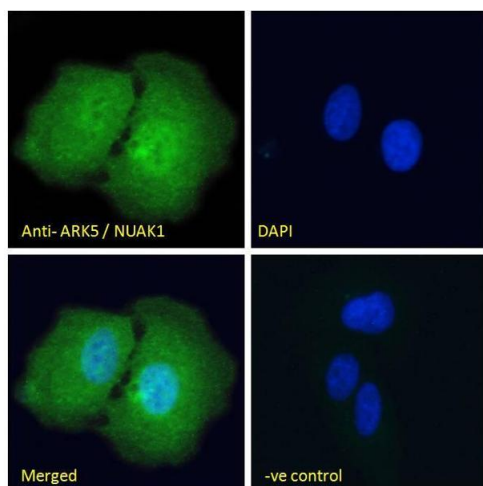
Target:	NUAK1
Alternative Name:	NUAK1 ( <a href="#">NUAK1 Products</a> )
Background:	NUAK1 , NUAKE family, SNF1-like kinase, 1, ARK5, KIAA0537, AMP-activated protein kinase family member 5, AMPK-related protein kinase 5
Gene ID:	9891, 299694
NCBI Accession:	<a href="#">NP_055655</a>

## Application Details

Application Notes:	Peptide ELISA: antibody detection limit dilution 1:8000.
Comment:	<b>Immunofluorescence:</b> Strong expression of the protein seen in the nuclei and cytoplasm of U2OS cells. Recommended concentration: 10µg/ml. <b>Flow Cytometry:</b> Flow cytometric analysis of A431 cells. Recommended concentration
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



### Immunofluorescence

**Image 1.** ABIN570930 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).