



[Go to Product page](#)

Datasheet for ABIN883460

## anti-NUAK1 antibody (AA 451-550) (Alexa Fluor 647)

### Overview

Quantity:	100 µL
Target:	NUAK1
Binding Specificity:	AA 451-550
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NUAK1 antibody is conjugated to Alexa Fluor 647
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ARK5
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig, Horse, Chicken
Purification:	Purified by Protein A.

### Target Details

Target:	NUAK1
Alternative Name:	Ark5 ( <a href="#">NUAK1 Products</a> )
Background:	Synonyms: AMPK related protein kinase 5, NUAK family SNF1 like kinase, NUAK1, Probable

## Target Details

---

serine/threonine protein kinase KIAA0537.

Background: ARK5, a novel AMPK family member, is the tumor cell survival factor activated by Akt and acts as an ATM kinase under the conditions of nutrient starvation. It plays a key role in tumor malignancy downstream of Akt. Its overexpression is associated with tumor invasion and metastasis.

---

Gene ID: 9891

## Application Details

---

Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

---

Restrictions: For Research Use only

## Handling

---

Format: Liquid

---

Concentration: 1 µg/µL

---

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

---

Preservative: ProClin

---

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

---

Storage: -20 °C

---

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

---

Expiry Date: 12 months