

## 兔抗 NUAK1 多克隆抗体

中文名称：兔抗 NUAK1 多克隆抗体

英文名称：Anti-NUAK1 rabbit polyclonal antibody

别名：ARK5

相关类别：一抗

储存：冷冻（-20℃）

宿主：Rabbit

抗原：NUAK1

反应种属：Human, Mouse

标记物：Unconjugate

克隆类型：rabbit polyclonal

### 技术规格

#### Background:

NUAK family SNF1-like kinase 1 also known as AMPK-related protein kinase 5 (ARK5) is an enzyme that in humans is encoded by the NUAK1 gene. Serine/threonine-protein kinase involved in various processes such as cell adhesion, regulation of cell ploidy and senescence, cell proliferation and tumor progression. Phosphorylates ATM, CASP6, LATS1, PPP1R12A and p53/TP53. Acts as a regulator of cellular senescence and cellular ploidy by mediating phosphorylation of 'Ser-464' of LATS1, thereby controlling its stability. Controls cell adhesion by regulating activity of the myosin protein phosphatase 1 (PP1) complex. Acts by mediating phosphorylation of PPP1R12A subunit of myosin PP1: phosphorylated PPP1R12A then interacts with

	14-3-3, leading to reduced dephosphorylation of myosin MLC2 by myosin PP1.
<b>Applications:</b>	ELISA, IHC
<b>Name of antibody:</b>	NUAK1
<b>Immunogen:</b>	Synthetic peptide of human NUAK1
<b>Full name:</b>	NUAK family, SNF1-like kinase, 1
<b>Synonyms :</b>	ARK5
<b>SwissProt:</b>	O60285
<b>ELISA Recommended dilution:</b>	2000-10000
<b>IHC positive control:</b>	Human lung cancer and Human liver cancer
<b>IHC Recommend dilution:</b>	100-300

