

## Datasheet

### AKT1 polyclonal antibody

**Catalog Number:** PAB9931

**Regulation Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against synthetic peptide of AKT1.

**Immunogen:** A synthetic peptide (conjugated with KLH) corresponding to amino acids 460-480 of AKT1.

**Sequence:** CRPHFPQFSYSASGTA

**Host:** Rabbit

**Reactivity:** Chicken, Human, Mouse, Rat

**Applications:** ELISA, IF, IHC-P, WB-Ce  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Recommend Usage:** ELISA (1:2000-1:10000)  
Western Blot (1:500-1:2000)  
Immunohistochemistry (1:500-1:2000)  
Immunofluorescence (1:100-1:1000)  
The optimal working dilution should be determined by the end user.

**Storage Buffer:** In 20 mM  $\text{KH}_2\text{PO}_4$ , 150 mM NaCl, pH 7.2 (0.1% sodium azide)

**Storage Instruction:** Store at 4°C. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**References:**

1. PKB/Akt: a key mediator of cell proliferation, survival and insulin responses? Lawlor MA, Alessi DR. J Cell Sci. 2001 Aug;114(Pt 16):2903-10.
2. Discovery of PDK1, one of the missing links in insulin signal transduction. Colworth Medal Lecture. Alessi DR. Biochem Soc Trans. 2001 May;29(Pt 2):1-14.