

Anti-AKT1 antibody (Internal) (STJ73595)

STJ73595

GENERAL INFORMATION

Product Type	Primary antibodies
Short Description	Goat polyclonal antibody anti-AKT1 (Internal) is suitable for use in ELISA and Western Blot research applications.
Applications	Pep-ELISA, WB
Host/Source	Goat
Reactivity	Human, Mouse

PRODUCT PROPERTIES

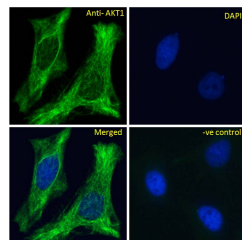
Clonality	Polyclonal
Clone ID	
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	WB-Recommended concentration:0.1-0.3ug/ml IF-Strong expression of the protein seen in the microtubules/cytoplasm of HeLa cells. 10µg/ml ELISA-antibody detection limit dilution 1:32000.
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20 on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

Gene ID	207
Gene Symbol	AKT1
Uniprot ID	AKT1_HUMAN
Immunogen	Internal
Region	
Specificity	All variants represent identical protein (NP_005154.2, NP_001014431.1, NP_001014432.1). This antibody is NOT expected to cross-react with AKT2. It may recognize AKT1 in Rat and Dog.
Immunogen Sequence	QDVDQREAPLN



STJ73595 (0.3 µg/ml) staining of MCF7 cell lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



STJ73595 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml), showing Microtubule/cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml).

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

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