

Anti-AKT1 antibody (Internal) (STJ73589)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB
Host / Source	Goat
Reactivity	Human/Mouse/Cow

PRODUCT PROPERTIES

Clonality	Polyclonal
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	Peptide ELISA: antibody detection limit dilution 1:16000. WB: Approx 60kDa band observed in MCF7 and approx. 60-65kDa in NIH3T3 cell lysates (calculated MW of 55.7kDa according to Human NP_005154.2 and Mouse NP_033782.1). This molecular weight is
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°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

Gene ID	207
Gene Symbol	AKT1
UniProt ID	AKT1_HUMAN
Immunogen Region	Internal
Immunogen Sequence	EVSLAKPKHR
Specificity	Variants one, two and three encode the same protein (NP_005154, NP_001014432, NP_001014431). No cross-reactivity expected with AKT2 or AKT3.

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



STJ73589 (2µg/ml) staining of MCF7 (A) and NIH3T3 (B) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence