

Anti-AKT1S1 antibody (150-256) (STJ27994)
STJ27994

GENERAL INFORMATION

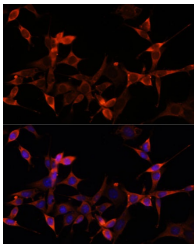
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

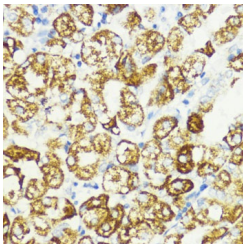
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:100 IF/ICC:1:50-1:100 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

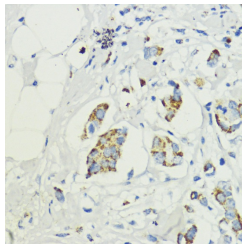
Gene ID	84335
Gene Symbol	AKT1S1
Uniprot ID	AKTS1_HUMAN
Immunogen	
Immunogen	150-256
Region	
Specificity	A synthetic peptide corresponding to a sequence within amino acids 150-256 of human AKT1S1/PRAS40 (NP_001092103.1).
Immunogen	STDDGSLSEETPAGPPTCSV PPASALPTQQYAKSLPVSVV VWGFKEKRTEARSSDEENGPPSSPDLDRIAASMRALVLR
Sequence	AEDTQVFGDLPRLRLNTSDF QKLKRKY



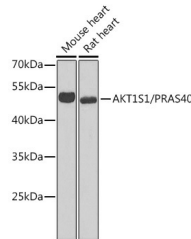
Immunofluorescence analysis of NIH-3T3 cells using AKT1S1/PRAS40 Rabbit polyclonal antibody (STJ27994) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of AKT1S1/PRAS40 in paraffin-embedded human stomach using AKT1S1/PRAS40 Rabbit polyclonal antibody (STJ27994) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of AKT1S1/PRAS40 in paraffin-embedded human mammary cancer using AKT1S1/PRAS40 Rabbit polyclonal antibody (STJ27994) at dilution of 1:200 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of various lysates using AKT1S1/PRAS40 Rabbit polyclonal antibody (STJ27994) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ5000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 90s.

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.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081