

Anti-Phospho-AKT1/AKT2/AKT3-S473/S474/S472 antibody (STJ11101106)
STJ11101106

GENERAL INFORMATION

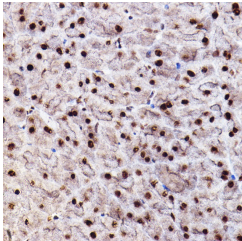
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

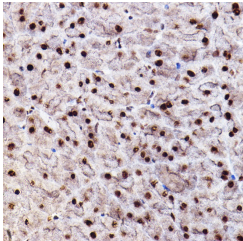
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

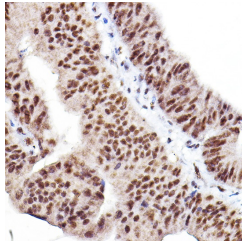
Gene ID	10000 207 208 AKT3 AKT1 AKT3_HUMAN AKT1_HUMAN AKT2_HUMAN
Immunogen	QFSYS
Immunogen Region	
Specificity	A synthetic phosphorylated peptide around S473 of human AKT1/AKT2/AKT3AKT1 (NP_005154.2).
Immunogen Sequence	QFSYS



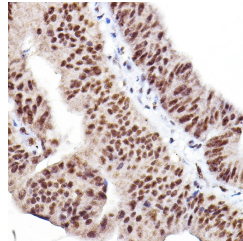
Western blot analysis of extracts of various cell lines, using Phospho-AKT1-S473+AKT2-S474+AKT3-S472 antibody (STJ11101106) at 1:1000 dilution. NIH3T3 cells were treated by Calyculin A (100 nM) at 37 °C for 30 minutes after serum-starvation overnight. C6 cells were treated by 10% FBS at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Immunohistochemistry analysis of Phospho-Akt-S473 in paraffin-embedded mouse pancreas using Phospho-AKT1-S473+AKT2-S474+AKT3-S472 Rabbit polyclonal antibody (STJ11101106) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry of paraffin-embedded rat lung using Phospho-AKT1-S473+AKT2-S474+AKT3-S472 rabbit polyclonal antibody (STJ11101106) at dilution of 1:100 (40x lens).



Immunohistochemistry analysis of Phospho-Akt-S473 in paraffin-embedded human colon carcinoma using Phospho-AKT1-S473+AKT2-S474+AKT3-S472 Rabbit polyclonal antibody (STJ11101106) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6. 0 before commencing with immunohistochemistry staining protocol.