

Anti-Phospho-AKT1-Ser473 antibody (400-480) (STJ91024)

STJ91024

GENERAL INFORMATION

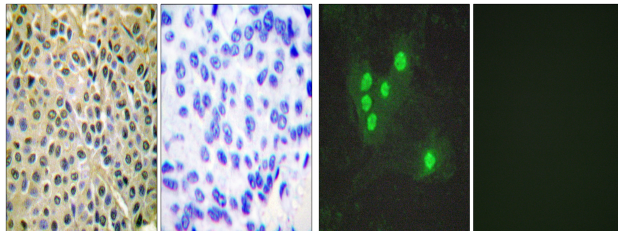
Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-Phospho-Rac-Alpha Serine/Threonine-Protein Kinase-Ser473 (400-480) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry and ELISA research applications.
Applications	WB, IHC-P, IF, ICC, ELISA
Host/Source	Rabbit
Reactivity	Human, Mouse, Rat

PRODUCT PROPERTIES

Clonality	Polyclonal
Clone ID	
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
Dilution Range	WB 1:500-1:2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:10000
Formulation	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

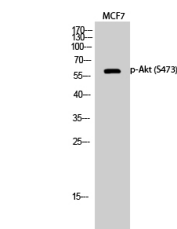
TARGET INFORMATION

Gene ID	207
Gene Symbol	AKT1
Uniprot ID	AKT1_HUMAN
Immunogen	Synthesized phospho-peptide around the phosphorylation site of human Akt (phospho Ser473)
Immunogen Region	400-480
Specificity	Phospho-AKT1-Ser473 polyclonal antibody (Rac-Alpha Serine/Threonine-Protein Kinase) binds to endogenous Rac-Alpha Serine/Threonine-Protein Kinase at the amino acid region 400-480 only when phosphorylated at Ser473.
Immunogen Sequence	

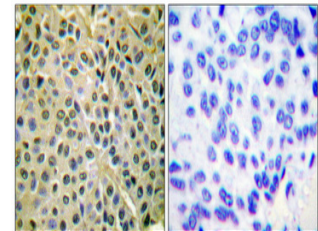


Immunohistochemistry analysis of paraffin-embedded human breast cancer, using Akt (Phospho-Ser473) Antibody. The picture on the right is blocked with the Akt (Phospho-Ser473) peptide.

Immunofluorescence analysis of A549 cell, using Akt (Phospho-Ser473) Antibody. The lane on the right is blocked with the Akt (Phospho-Ser473) peptide.



Western blot analysis of MCF7 cells using Phospho-Akt (S473) Polyclonal Antibody diluted at 1: 1000



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100 (4°C overnight). High-pressure and temperature Tris-EDTA, pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.