

Anti-Akt antibody (240-320) (STJ91537)

STJ91537

GENERAL INFORMATION

Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-RAC-alpha serine/threonine-protein kinase and RAC-beta serine/threonine-protein kinase and RAC-gamma serine/threonine-protein kinase (240-320) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence
Applications	WB, IHC-P, IF-P, 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 ELISA 1:20000
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.

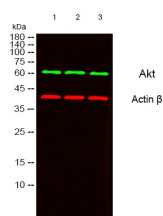
TARGET INFORMATION

Gene ID [208](#)
[10000](#)
[207](#)
[AKT2](#)
[AKT3](#)
[AKT2_HUMAN](#)
[AKT3_HUMAN](#)
[AKT1_HUMAN](#)
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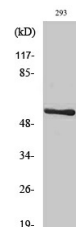
Immunogen Synthesized peptide derived from Akt. at amino acid range: 240-320
Immunogen Region 240-320

Specificity Akt polyclonal antibody (RAC-alpha serine/threonine-protein kinase and RAC-beta serine/threonine-protein kinase and RAC-gamma serine/threonine-protein kinase) binds to endogenous RAC-alpha serine/threonine-protein kinase and RAC-beta serine/threonine

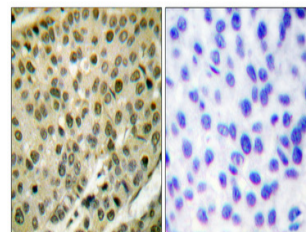
Immunogen Sequence



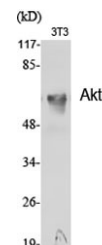
Western blot analysis of lysates from 1) 3T3, 2) 293, 3) HELA cells. (Green) primary antibody was diluted at 1:1000, 4°C overnight, secondary antibody (cat: NA) was diluted at 1:10000, 37°C 1 hour. (Red) Actin Beta monoclonal antibody (5B7) (cat: STJ69330) antibody was diluted at 1:5000 as loading control, 4°C overnight, secondary antibody (cat: NA) was diluted at 1:10000, 37°C 1 hour.



Western blot analysis of 293 cells using Akt 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.



Western blot analysis of various cells using Akt Polyclonal Antibody diluted at 1: 1000

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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