

## Anti-Akt antibody (281-330 aa) (STJ91550)

STJ91550

### GENERAL INFORMATION

|                          |                                                                                                                                                                                                                                                            |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Type</b>      | Primary antibodies                                                                                                                                                                                                                                         |
| <b>Short Description</b> | Rabbit polyclonal antibody anti-RAC-alpha serine/threonine-protein kinase and RAC-beta serine/threonine-protein kinase and RAC-gamma serine/threonine-protein kinase (281-330 aa) is suitable for use in Immunofluorescence, Western Blot, Immunohistochem |
| <b>Applications</b>      | IF/WB/IHC/ELISA                                                                                                                                                                                                                                            |
| <b>Host/Source</b>       | Rabbit                                                                                                                                                                                                                                                     |
| <b>Reactivity</b>        | Human/Mouse/Rat/Chicken                                                                                                                                                                                                                                    |

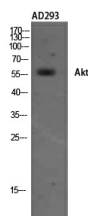
### PRODUCT PROPERTIES

|                      |                                                                                                                       |
|----------------------|-----------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>     | Polyclonal                                                                                                            |
| <b>Clone ID</b>      |                                                                                                                       |
| <b>Concentration</b> | 1 mg/mL                                                                                                               |
| <b>Conjugation</b>   | Unconjugated                                                                                                          |
| <b>Purification</b>  | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| <b>Dilution</b>      | IF 1:50-200                                                                                                           |
| <b>Range</b>         | WB 1:500-1:2000<br>IHC 1:100-1:300<br>ELISA 1:40000                                                                   |
| <b>Formulation</b>   | Liquid in PBS containing 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.                                               |
| <b>Isotype</b>       | IgG                                                                                                                   |
| <b>Storage</b>       | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                        |
| <b>Instruction</b>   |                                                                                                                       |

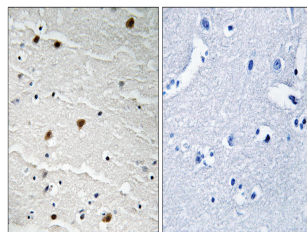
### TARGET INFORMATION

**Gene ID** [10000](#)  
[207](#)  
[208](#)  
[AKT3](#)  
[AKT1](#)  
[AKT3\\_HUMAN](#)  
[AKT1\\_HUMAN](#)  
[AKT2\\_HUMAN](#)

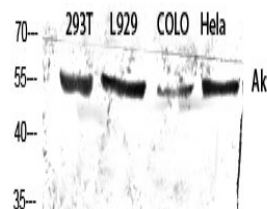
**Immunogen** The antiserum was produced against synthesized peptide derived from the human AKT1/2/3 at the amino acid range 281-330  
**Immunogen Region** 281-330 aa  
**Specificity** Akt Polyclonal Antibody detects endogenous levels of Akt protein.  
**Immunogen Sequence**



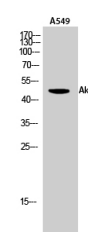
Western blot analysis of AD293 using Akt Polyclonal Antibody. Antibody was diluted at 1:2000



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using AKT1/2/3 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of various cells using Akt Polyclonal Antibody diluted at 1:4 2000



Western blot analysis of A549 cells using Akt Polyclonal Antibody diluted at 1:4 2000

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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