

## Datasheet for ABIN755527 **anti-AKT3 antibody**

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### Overview

|              |                                     |
|--------------|-------------------------------------|
| Quantity:    | 100 µL                              |
| Target:      | AKT3                                |
| Reactivity:  | Human, Mouse, Rat                   |
| Host:        | Rabbit                              |
| Clonality:   | Polyclonal                          |
| Conjugate:   | This AKT3 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA        |

### Product Details

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human AKT3 |
| Isotype:              | IgG                                                      |
| Cross-Reactivity:     | Human, Mouse, Rat                                        |
| Predicted Reactivity: | Dog, Sheep, Horse, Chicken, Rabbit                       |
| Purification:         | Purified by Protein A.                                   |

### Target Details

|                   |                                                                                                                                                                    |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | AKT3                                                                                                                                                               |
| Alternative Name: | Akt3 ( <a href="#">AKT3 Products</a> )                                                                                                                             |
| Background:       | Optional[synonyms]: AKT3 kinase, DKFZP434N0250, PKB Gamma, PKBG, PRKBG, Protein Kinase AKT3, Protein Kinase B Gamma, RAC gamma, RAC Gamma Serine/Threonine Protein |

## Target Details

|           |                                                                                                                                                                                                                                                |
|-----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|           | Kinase, RACPK Gamma, Serine threonine protein kinase Akt 3, Serine Threonine Protein Kinase AKT3, STK 2, STK2, V akt murine thymoma viral oncogene homolog 3 protein kinase B gamma, VAKT Murine Thymoma Viral Oncogene Homolog 3, AKT3_HUMAN. |
| Gene ID:  | 207                                                                                                                                                                                                                                            |
| UniProt:  | <a href="#">P31749</a>                                                                                                                                                                                                                         |
| Pathways: | <a href="#">PI3K-Akt Signaling</a> , <a href="#">RTK Signaling</a> , <a href="#">TLR Signaling</a> , <a href="#">Hepatitis C</a> , <a href="#">VEGF Signaling</a>                                                                              |

## Application Details

|                    |                                                                                                                             |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | WB: 1:100-1000, IHC-P: 1:100-500, IF(IHC-P): 1:50-200<br>Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                                                                                       |

## Handling

|                    |                                                                                                                        |
|--------------------|------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                 |
| Concentration:     | 1 mg/mL                                                                                                                |
| Buffer:            | 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.                                                  |
| Preservative:      | Sodium azide                                                                                                           |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | 4 °C,-20 °C                                                                                                            |
| Storage Comment:   | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.                                        |
| Expiry Date:       | 12 months                                                                                                              |