

## Anti-Phospho-AKT1-S308 & S309 & S305 antibody (STJ11103779)

STJ11103779

### GENERAL INFORMATION

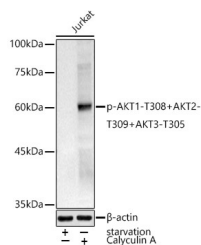
|                          |                    |
|--------------------------|--------------------|
| <b>Product Type</b>      | Primary antibodies |
| <b>Short Description</b> |                    |
| <b>Applications</b>      | WB/ELISA           |
| <b>Host/Source</b>       | Rabbit             |
| <b>Reactivity</b>        | Human/Mouse/Rat    |

### PRODUCT PROPERTIES

|                            |                                                                                                                                                        |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>           | Polyclonal                                                                                                                                             |
| <b>Clone ID</b>            |                                                                                                                                                        |
| <b>Concentration</b>       | Lot specific                                                                                                                                           |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                           |
| <b>Purification</b>        | Affinity purification                                                                                                                                  |
| <b>Dilution Range</b>      | WB:1:500-1:1000<br>ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>         | PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.                                                                                                       |
| <b>Isotype</b>             | IgG                                                                                                                                                    |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                                         |

### TARGET INFORMATION

|                           |                                                                                |
|---------------------------|--------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 207<br>10000<br>208<br>AKT1<br>AKT3<br>AKT1_HUMAN<br>AKT3_HUMAN<br>AKT2_HUMAN  |
| <b>Immunogen</b>          | MKTFC                                                                          |
| <b>Immunogen Region</b>   |                                                                                |
| <b>Specificity</b>        | A synthetic phosphorylated peptide around T308 of human AktAKT1 (NP_005154.2). |
| <b>Immunogen Sequence</b> | MKTFC                                                                          |



Western blot analysis of lysates from Jurkat cells, using Phospho-AKT1-T308+AKT2-T309+AKT3-T305 Rabbit pAb (STJ11103779) at 1:1000 dilution. Jurkat cells were treated by Serum-starvation overnight at 37 °C. Jurkat cells were treated by Calyculin A (100 nM) at 37 °C for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.

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.  
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081