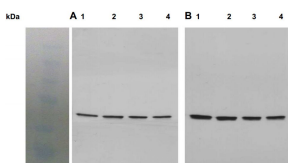


## Anti-Akt1 (phospho Ser473) Antibody [X20-A] (A8277)

### Specifications:

|                        |                                                                                              |
|------------------------|----------------------------------------------------------------------------------------------|
| Name:                  | Anti-Akt1 (phospho Ser473) Antibody [X20-A]                                                  |
| Description:           | Rabbit monoclonal (X20-A) antibody to Akt1 (phospho Ser473).                                 |
| Applications:          | WB, ELISA, IP, ICC                                                                           |
| Recommended Dilutions: | WB: 1:5,000, ELISA: 1:100,000-1:200,000.                                                     |
| Reactivity:            | Human, Mouse, Rat                                                                            |
| Immunogen:             | Peptide surrounding pSer-473 at the C-terminal sequence of human AKT1 protein.               |
| Host:                  | Rabbit                                                                                       |
| Clonality:             | Monoclonal                                                                                   |
| Clone ID:              | X20-A                                                                                        |
| Isotype:               | IgG                                                                                          |
| Conjugate:             | Unconjugated                                                                                 |
| Product Form:          | Liquid                                                                                       |
| Formulation:           | Supplied in Tris Buffered Saline, pH 8.0, with 10 mg/ml BSA and 0.05% Sodium Azide.          |
| Storage:               | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.        |
| Disclaimer:            | This product is for research use only. It is not intended for diagnostic or therapeutic use. |

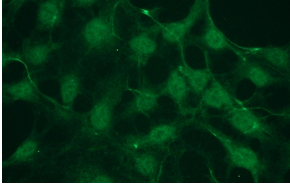
### Images:



(A) Western blot analysis of Akt activation in striatal neurons stimulated with DHPG (mGluR5 agonist) for 0 (Lane 1), 2 (Lane 2), 5 (Lane 3) or 10 (Lane 4) minutes. (B) Western blot analysis of total Akt, detected with Anti-Akt1 (phospho Ser473) Antibody (A8277) in striatal neurons stimulated with DHPG (a mGluR5 agonist) for 0 (Lane 1), 2 (Lane 2), 5 (Lane 3) or 10 (Lane 4) minutes. Wells were equally loaded with 100 $\mu$ g of whole cell lysate proteins.

## Anti-Akt1 (phospho Ser473) Antibody [X20-A] (A8277)

Images continued:



Representative picture of Akt1 (only when phosphorylated at the Ser-473 residue) in HEK293 cells, visualized with Anti-Akt1 (phospho Ser473) Antibody (A8277). Primary antibody dilution: 1:300.