# Anti-Phospho-STXBP2-Ser 513 antibody (STJA0003694)

STJA0003694

## GENERAL INFORMATION

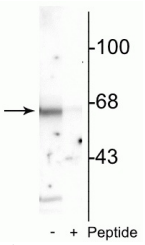
| | |
|---|---|
| **Product Type** | Primary antibodies |
| **Short Description** | Rabbit polyclonal antibody anti-Phospho-Munc-18-Ser 513 is suitable for use in Western Blot and Immunocytochemistry research applications. |
| **Applications** | WB/ICC |
| **Host/Source** | Rabbit |
| **Reactivity** | Rat/Bovine/Canine/Chicken/Human/Mouse/Non-Human Primates/Xenopus |

## PRODUCT PROPERTIES

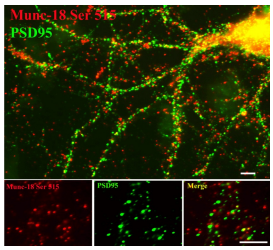
| | |
|---|---|
| **Clonality** | Polyclonal |
| **Clone ID** | |
| **Concentration** | |
| **Conjugation** | Unconjugated |
| **Purification** | This antibody was antigen affinity purified from pooled serum. |
| **Dilution Range** | WB 1:1000<br>ICC 1:400 |
| **Formulation** | 100 µl in 10 mM HEPES (pH 7.5) , 150 mM NaCl, 100 µg per ml BSA and 50% Glycerol. |
| **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** | 81804 |
| **Gene Symbol** | Stxbp2 |
| **Uniprot ID** | STXB2_RAT |
| **Immunogen** | Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser513 conjugated to KLH. |
| **Immunogen Region** | |
| **Specificity** | |
| **Immunogen Sequence** | |




Western blot of rat cortical lysate showing specific immunolabeling of the ~65 kDa Munc-18 protein phosphorylated at Ser513 in the first lane (-). Phosphospecificity is shown in the second lane (+) where immunolabeling is blocked by preadsorption of the phosphopeptide used as the antigen, but not by the corresponding non-phosphopeptide (not shown).




Immunostaining of 14 DIV rat cortical neurons showing specific labeling of Munc-18 phosphorylated at Ser513 (STJA0003694, 1:400, m red) and PSD95 (green).


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