Anti-Phospho-Syntaxin 1A (S14) Rabbit Polyclonal Antibody

Catalog #: U0989

Aliases

STX1; Syntaxin-1A; Neuron-specific antigen HPC-1

Background

Gene Name: STX1A
NCBI Gene Entry: 6804
UniProt Entry: Q16623

Application Information

Molecular Weight: Predicted, 33 kDa; observed, 35 kDa
Clonality: Rabbit polyclonal antibody
Species Reactivity: Human, mouse, rat, bovine, monkey
Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Phospho-Syntaxin 1A (S14)

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

Store at -20 °C for one year.

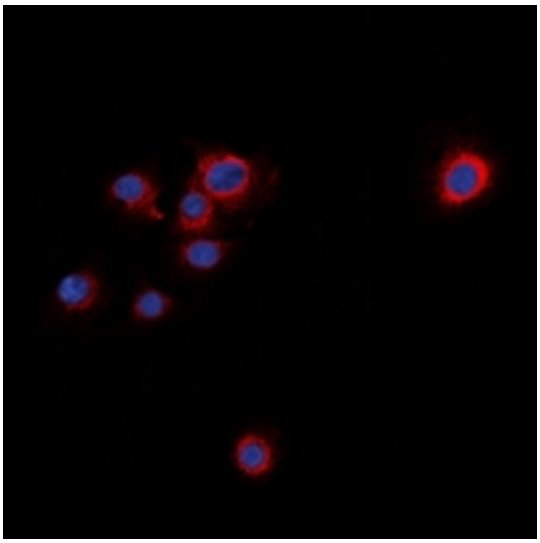
Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000
Immunohistochemistry (IHC): 1:100-1:200
Immunocytochemistry (IC): 1:100-1:500

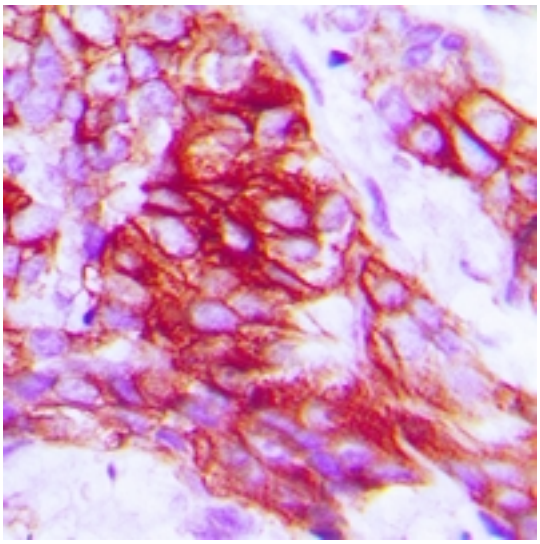
Note: This product is for research use only.

Validation Data

Anti-Phospho-Syntaxin 1A (S14) Rabbit Polyclonal Antibody



Immunocytochemical analysis of Syntaxin 1A (Phospho-S14) staining in NIH3T3 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



Immunohistochemical analysis of Syntaxin 1A (Phospho-S14) staining in human prostate cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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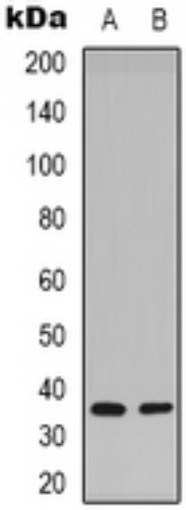

Western blotting analysis of Syntaxin 1A (Phospho-S14) expression in Hela (A), mouse brain (B) whole cell lysates.