Anti-Synaptotagmin (Phospho-Thr202) Polyclonal Antibody



 Catalog No.
 Size

 A100013-01
 50 μl

 A100013-02
 100 μl

Specificity Anti- Synaptotagmin (Phospho-Thr202) (human Mouse Rat)

SourceRabbit PolyclonalApplicationWB ELISA IHCFormLiquid, 1 mg/ml

Specificity and Sensitivity

Swiss-Prot No.: P21579

Other Names: stathmin 1, LAG, LAP18,

Leukemia-associated gene protein, Leukemia-associated phosphoprotein p18, Metablastin, Oncoprotein 18, Op18, PR22, Phosphoprotein p19, Pr22 protein, Prosolin, STN1, pp17, pp19, stathmin

Specificity and Sensitivity

Synaptotagmin (phospho-Thr202) antibody detects endogenous levels of Synaptotagmin only when phosphorylated at threonine 202.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human Synaptotagmin around the phosphorylation site of threonine 202(R-K-TP-L-N). The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~3000 IHC: 1:50~100

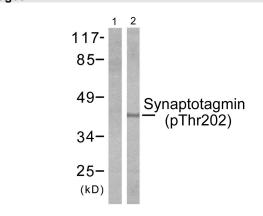
ELISA: 1:40000 Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

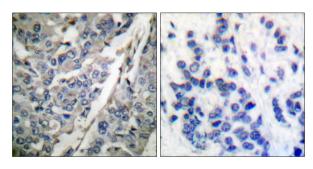
Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



P-peptide +

Western blot analysis of extracts from Hela cells treated with Forskolin (40nM, 30mins), using Synaptotagmin (phospho-Thr202) antibody.



P-peptide -

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Synaptotagmin (phospho-Thr202) antibody.

