

SYP Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP08729
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Synaptophysin. AA range:101-150
Mol wt	33845
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	SYP Antibody
Synonyms	SYP; Synaptophysin; Major synaptic vesicle protein p38

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

SYP encodes an integral membrane protein of small synaptic vesicles in brain and endocrine cells. Synaptophysin also binds cholesterol and is thought to direct targeting of vesicle-associated membrane protein 2 (synaptobrevin) to intracellular compartments. Mutations in this gene are associated with X-linked mental retardation (XLMR).

Recommended Dilution

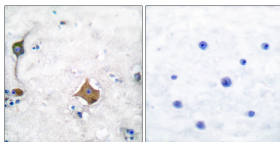
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

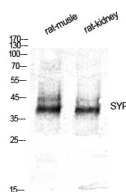
ELISA: 1: 10000

Not yet tested in other applications.

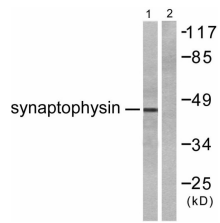
Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using Synaptophysin Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using SYP Polyclonal Antibody diluted at 1:500



Western blot analysis of lysates from LOVO cells, using Synaptophysin Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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