bs-23504R **[Primary Antibody]**

Synaptophysin Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 6855 **SWISS:** P08247

Target: Synaptophysin

Immunogen: KLH conjugated synthetic peptide derived from human Synaptophysin : 201-300/313. < Cytoplasmic >

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes an integral membrane protein of small synaptic vesicles in brain and endocrine cells. The protein 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). [provided by RefSeq, Aug 2011]

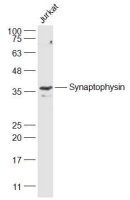
Applications: **WB** (1:500-2000)

Reactivity: Human, Mouse, Rat

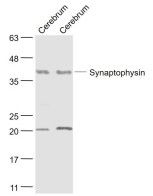
Predicted MW.: 34 kDa

Subcellular Location: Cytoplasm

VALIDATION IMAGES



Sample: Jurkat(Human) Cell Lysate at 30 ug Primary: Anti-Synaptophysin (bs-23504R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 34 kD Observed band size: 39 kD



Sample: Cerebrum (Mouse) Lysate at 40 ug Cerebrum(Rat) Lysate at 40 ug Primary: Anti-Synaptophysin (bs-23504R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 34 kD Observed band size: 39 kD

SELECTED CITATIONS

- **[IF=13.352]** Tingting Ku. et al. Tebuconazole mediates cognitive impairment via the microbe-gut-brain axis (MGBA) in mice. ENVIRON INT. 2023 Feb;:107821 WB ;Mouse. 36827814
- **[IF=5.135]** Wei Lu. et al. Effects of targeted muscle reinnervation on spinal cord motor neurons in rats following tibial nerve transection. Neural Regen Res. 2022 Jan;17(8):1827 IF ;Rat. 35017445