

# Anti-Synaptobrevin antibody [SP10] ab18013

## 2 References

### 製品の概要

製品名	Anti-Synaptobrevin antibody [SP10]
製品の詳細	Mouse monoclonal [SP10] to Synaptobrevin
由来種	Mouse
特異性	Detects a ~18kD protein in WB, corresponding to predicted size of VAMP from human, mouse, rat, bovine, guinea pig, hamster, monkey, porcine, rabbit, sheep and Xenopus tissue. This antibody detects VAMP1 (amino acids 1-118) and VAMP2 (amino acids 33-96)-GST fusion proteins expressed in E. coli. No reactivity was seen with a ~18kD protein in mouse liver extracts. The clone number has been updated from (4E240) to (SP10 ) both clone numbers name the same antibody clone.
アプリケーション	適用あり: WB
種交差性	交差種: Mouse, Rat, Sheep, Rabbit, Guinea pig, Hamster, Cow, Human, Pig, Xenopus laevis, Monkey
免疫原	Tissue/ cell preparation (Human). Mice were immunized with synaptic vesicle containing fractions which were immunoprecipitated from human brain homogenates using anti-human synaptophysin monoclonal antibodies.
ポジティブ・コントロール	Rat brain.
特記事項	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	<p>pH: 7.20</p> <p>Constituents: PBS, 0.00174% PMSF, 50% Glycerol</p>

精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	SP10
アイソタイプ	IgM

## アプリケーション

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アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration.

## ターゲット情報

**関連性**      Synaptobrevins are highly conserved between vertebrates and invertebrates. It is a major constituent of synaptic vesicles and peptidergic secretory granules in all neurons examined so far. In addition, it is present on secretory granules of neuroendocrine cells. Synaptobrevins, Syntaxins, and the 25 kDa synaptosomal associated protein SNAP25 are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane.

**細胞内局在**      Cytoplasmic vesicle › secretory vesicle › synaptic vesicle membrane. Single-pass type IV membrane protein. Cell junction › synapse › synaptosome. Isoform 3 is found in mitochondria, mitochondrial outer membrane.

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