

Product datasheet

Anti-Synaptophysin antibody [SP17] ab24729

製品の概要

製品名	Anti-Synaptophysin antibody [SP17]
製品の詳細	Mouse monoclonal [SP17] to Synaptophysin
由来種	Mouse
特異性	SP17 reacts with native, denatured and recombinant synaptic vesicle protein synaptophysin expressed in CHO cells.
アプリケーション	適用あり: WB, ICC, ELISA
種交差性	交差種: Rat, Human, Pig
免疫原	Tissue/ cell preparation of a crude synaptic preparation from the post mortem brain (Human)
特記事項	The antibody is particularly valueable for immunocytochemical studies of the brain due to its stability in formalin sections.

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	Preservative: None Constituents: Ascites
精製度	Ascites
一次抗体 備考	The antibody is particularly valueable for immunocytochemical studies of the brain due to its stability in formalin sections.
ポリ/モノ	モノクローナル
クローン名	SP17
アイソタイプ	IgM

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab24729** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		1/1000. Predicted molecular weight: 40 kDa.
ICC		1/1000.
ELISA		1/5000.

ターゲット情報

機能	Possibly involved in structural functions as organizing other membrane components or in targeting the vesicles to the plasma membrane. Involved in the regulation of short-term and long-term synaptic plasticity.
組織特異性	Characteristic of a type of small (30-80 nm) neurosecretory vesicles, including presynaptic vesicles, but also vesicles of various neuroendocrine cells of both neuronal and epithelial phenotype.
関連疾患	Mental retardation, X-linked, SYP-related
配列類似性	Belongs to the synaptophysin/synaptobrevin family. Contains 1 MARVEL domain.
ドメイン	The calcium-binding activity is thought to be localized in the cytoplasmic tail of the protein.
翻訳後修飾	Ubiquitinated; mediated by SIAH1 or SIAH2 and leading to its subsequent proteasomal degradation.
細胞内局在	Cytoplasmic vesicle, secretory vesicle, synaptic vesicle membrane. Cell junction, synapse, synaptosome.

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