

Product datasheet

Recombinant Human Synapsin I protein ab152720

1 图像

描述

产品名称	重组人Synapsin I蛋白
表达系统	Wheat germ
Accession	<u>P17600</u>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
序列	EIFGGLDICAVEALHGKDGRDHIEVVGSSMPLIGDHQDEDK QLIVELVV NKMAQALPRQRQDASPGRGSHGQTPSPGALPLGRQTSQ
预测分子量	36 kDa including tags
氨基酸	362 to 450

技术指标

Our **Abpromise guarantee** covers the use of **ab152720** in the following tested applications.

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

应用	SDS-PAGE Western blot ELISA
形式	Liquid

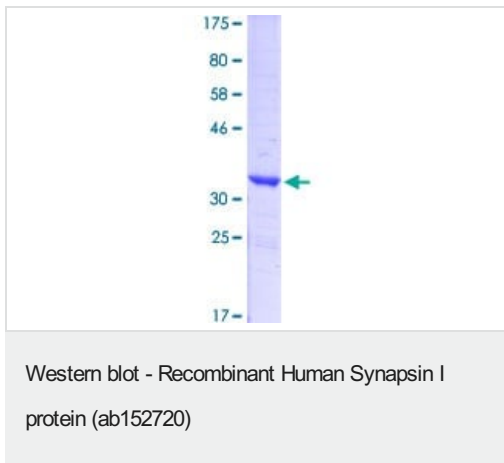
制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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常规信息

功能	Neuronal phosphoprotein that coats synaptic vesicles, binds to the cytoskeleton, and is believed to function in the regulation of neurotransmitter release. The complex formed with NOS1 and CAPON proteins is necessary for specific nitric-oxid functions at a presynaptic level.
疾病相关	Defects in SYN1 are a cause of epilepsy X-linked with variable learning disabilities and behavior disorders [MIM:300491]. XELBD is characterized by variable combinations of epilepsy, learning difficulties, macrocephaly, and aggressive behavior.
序列相似性	Belongs to the synapsin family.
翻译后修饰	Substrate of at least four different protein kinases. It is probable that phosphorylation plays a role in the regulation of synapsin-1 in the nerve terminal. Phosphorylated upon DNA damage, probably by ATM or ATR.
细胞定位	Cell junction > synapse. Golgi apparatus.

图片



12.5% SDS-PAGE stained with Coomassie Blue.

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