

Recombinant Human gamma Synuclein/SNCG protein ab48712

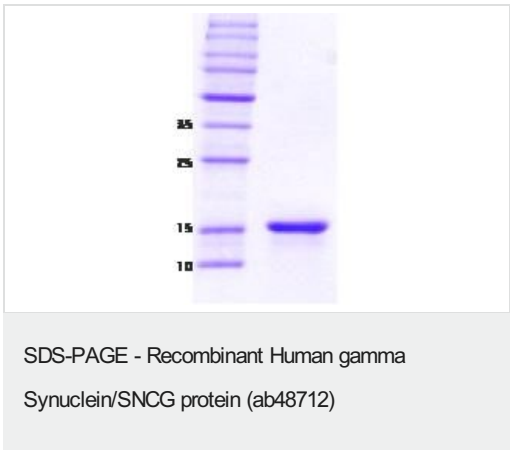
3 References 2 图像

描述	
产品名称	重组人gamma Synuclein/SNCG蛋白
纯度	> 95 % SDS-PAGE. The protein coding region of β -Synuclein was amplified by RT-PCR and cloned into an E.coli expression vector. β -Synuclein was overexpressed in E. coli and purified to apparent homogeneity by taking advantage of the thermosolubility of the protein and by using conventional column chromatography techniques.
表达系统	Escherichia coli
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MDVFKKGFSI AKEGVVGAVE KTKQGVTEAA EKTKEGVMYV GAKTKENVVQ SVTSVAEKT EQANAVSEAV VSSVNTVATK TVEEAENIAV TSGVVRKEDL RPSAPQQEGV ASKEKEEVAE EAQSGGD
氨基酸	1 to 127
技术指标	
Our Abpromise guarantee covers the use of ab48712 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	Western blot SDS-PAGE
形式	Liquid
制备和贮存	
稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.316% Tris HCl, 0.58% Sodium chloride

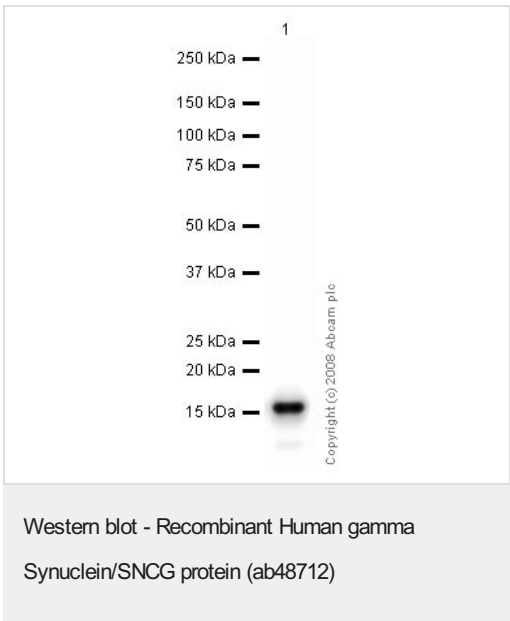
常规信息

功能	Plays a role in neurofilament network integrity. May be involved in modulating axonal architecture during development and in the adult. In vitro, increases the susceptibility of neurofilament-H to calcium-dependent proteases (By similarity). May also function in modulating the keratin network in skin. Activates the MAPK and Elk-1 signal transduction pathway.
组织特异性	Highly expressed in brain, particularly in the substantia nigra. Also expressed in the corpus callosum, heart, skeletal muscle, ovary, testis, colon and spleen. Weak expression in pancreas, kidney and lung.
序列相似性	Belongs to the synuclein family.
翻译后修饰	Phosphorylated. Phosphorylation by GRK5 appears to occur on residues distinct from the residue phosphorylated by other kinases.
细胞定位	Cytoplasm > perinuclear region. Cytoplasm > cytoskeleton > centrosome. Cytoplasm > cytoskeleton > spindle. Associated with centrosomes in several interphase cells. In mitotic cells, localized to the poles of the spindle.

图片



15% SDS-PAGE gel loaded with recombinant gamma Synuclein/SNCG protein.



Anti-gamma Synuclein/SNCG antibody (**ab46201**) at 0.5 µg/ml + Recombinant Human gamma Synuclein/SNCG protein (ab48712) at 0.05 µg

Secondary
Goat polyclonal to rabbit IgG - H&L - Pre adsorbed (HRP) at 1/3000 dilution

Performed under reducing conditions.

Predicted band size: 13 kDa

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