

核突触蛋白 β β synuclein 抗体

产品货号： mlR6939

英文名称： Beta-synuclein

中文名称： 核突触蛋白 β/β synuclein 抗体

别名： beta Synuclein; Phosphoneuroprotein 14; Beta-synuclein; PNP14; SNCB; Synuclein beta; SYUB_HUMAN.

研究领域： 细胞生物 免疫学 神经生物学 细胞类型标志物

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Rabbit,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:50-200 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量：15kDa

细胞定位：细胞浆

性状：Lyophilized or Liquid

浓度：1mg/ml

免疫原：KLH conjugated synthetic peptide derived from human beta Synuclein:21-120/134

亚型：IgG

纯化方法：affinity purified by Protein A

储存液：0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件：Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed：PubMed

产品介绍：The protein encoded by this gene is highly homologous to alpha-synuclein. These proteins are abundantly expressed in the brain and putatively inhibit phospholipase D2 selectively. The encoded protein,

which may play a role in neuronal plasticity, is abundant in neurofibrillary lesions of patients with Alzheimer disease. This protein has been shown to be highly expressed in the substantia nigra of the brain, a region of neuronal degeneration in patients with Parkinson disease; however, no direct relation to Parkinson disease has been established. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008].

Function:

Non-amyloid component of senile plaques found in Alzheimer disease. Could act as a regulator of SNCA aggregation process. Protects neurons from staurosporine and 6-hydroxy dopamine (6OHDA)-stimulated caspase activation in a p53/TP53-dependent manner. Contributes to restore the SNCA anti-apoptotic function abolished by 6OHDA. Not found in the Lewy bodies associated with Parkinson disease.

Subcellular Location:

Cytoplasm.

Tissue Specificity:

Expressed predominantly in brain; concentrated in presynaptic nerve terminals.

Similarity:

Belongs to the synuclein family.

SWISS:

Q16143

Gene ID:

6620

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

