

Product datasheet

Recombinant Human NIPP1 protein ab114902

1 图像

概述

产品名称	重组人NIPP1蛋白
蛋白长度	Protein fragment

描述

性质	Recombinant
来源	Wheat germ

氨基酸序列

Accession	<a href="#">Q12972</a>
种属	Human
序列	RRMQNFAFSGGLYGGLPPTHSEAGSQPHGIHGTTALIGGLPMPYPNLAPDV DLTPVVPSAVNMNPAPNPAVYNPEAVNEPKKKKYAKEAWPGKKPTPSLLI
分子量	37 kDa including tags
氨基酸	28 to 127

技术指标

Our [Abpromise guarantee](#) covers the use of **ab114902** 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 ELISA
形式	Liquid
补充说明	Protein concentration is above or equal to 0.05 mg/ml. Best use within three months from the date of receipt of this protein.

制备和贮存

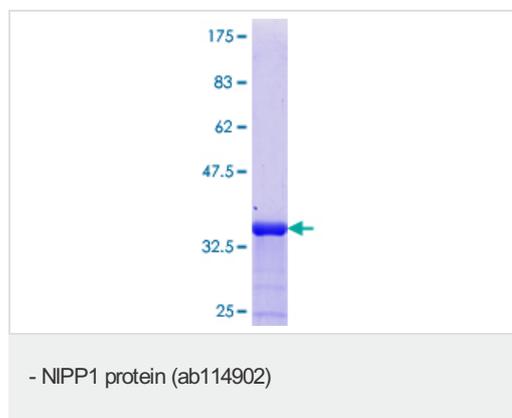
稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00
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Constituents: 0.3% Glutathione, 0.79% Tris HCl

## 常规信息

<b>功能</b>	<p>Inhibitor subunit of the major nuclear protein phosphatase-1 (PP-1). It has RNA-binding activity but does not cleave RNA and may target PP-1 to RNA-associated substrates. May also be involved in pre-mRNA splicing. Binds DNA and might act as a transcriptional repressor. Seems to be required for cell proliferation.</p> <p>Isoform Gamma is a site-specific single-strand endoribonuclease that cleaves single strand RNA 3' to purines and pyrimidines in A+U-rich regions. It generates 5'-phosphate termini at the site of cleavage. This isoform does not inhibit PP-1. May be implicated in mRNA splicing.</p>
<b>组织特异性</b>	<p>Ubiquitously expressed, with highest levels in heart and skeletal muscle, followed by brain, placenta, lung, liver and pancreas. Less abundant in kidney. The concentration and ratio between isoforms is cell-type dependent. Isoform Alpha (&gt;90%) and isoform Beta were found in brain, heart and kidney. Isoform Gamma is mainly found in B-cells and T-lymphocytes, and has been found in 293 embryonic kidney cells.</p>
<b>序列相似性</b>	<p>Contains 1 FHA domain.</p>
<b>结构域</b>	<p>Has a basic N- and C-terminal and an acidic central domain.</p>
<b>翻译后修饰</b>	<p>May be inactivated by phosphorylation on Ser-199 or Ser-204 (By similarity). Phosphorylated by Lyn in vitro on Tyr-264, and also on Tyr-335 in the presence of RNA.</p>
<b>细胞定位</b>	<p>Nucleus. Nucleus speckle. Primarily, but not exclusively, nuclear and Cytoplasm. Found mainly in the cytoplasm.</p>

## 图片



12.5% SDS-PAGE showing ab114902 at approximately 36.63kDa.  
Stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish

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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.cn/abpromise> or contact our technical team.

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