

Recombinant Human PTP4A3/PRL-R protein ab87716

2 图像

描述

产品名称	重组人PTP4A3/PRL-R蛋白
纯度	> 95 % SDS-PAGE. ab87716 is purified using conventional chromatography techniques. Endotoxin: < 1.0 EU per 1 microgram of protein (determined by LAL method).
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	MGSSHHHHHH SGLVPRGSH MARMNRPAPV EVSYKHMRFI ITHNPTNATL STFIEDLKKY GATTVVRVCE VTYDKTPLEK DGITVVDWPF DDGAPPPGKV VEDWLSLVKA KFCEAPGSCV AVHCVAGLGR APVLVALALI ESGMKYEDAI QFIRQKRRGA INSKQLTYLE KYRPKQRLRF KDPHTHKTRC CVM

技术指标

Our **Abpromise guarantee** covers the use of **ab87716** 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
形式	Liquid
补充说明	Previously labelled as PTP4A3.

制备和贮存

稳定性和存储	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00
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Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)

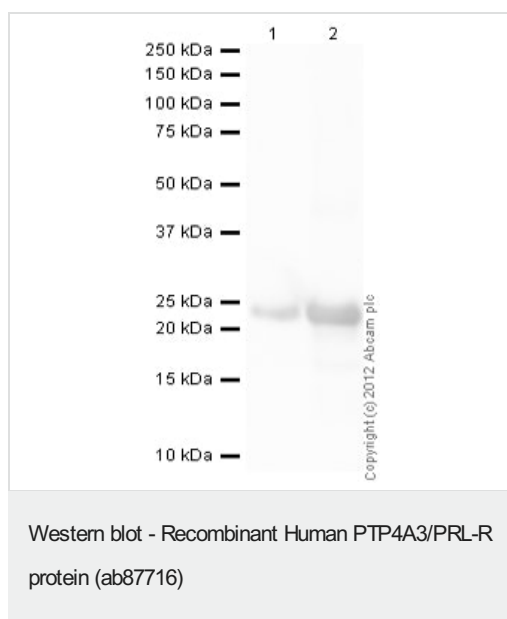
常规信息

功能	Protein tyrosine phosphatase which stimulates progression from G1 into S phase during mitosis. Enhances cell proliferation, cell motility and invasive activity, and promotes cancer metastasis. May be involved in the progression of cardiac hypertrophy by inhibiting intracellular calcium mobilization in response to angiotensin II.
组织特异性	Mainly expressed in cardiomyocytes and skeletal muscle; also found in pancreas. Consistently overexpressed in colon cancer metastasis.
序列相似性	Belongs to the protein-tyrosine phosphatase family. Contains 1 tyrosine-protein phosphatase domain.
翻译后修饰	Farnesylated. Farnesylation is required for membrane targeting.
细胞定位	Cell membrane. Early endosome.

图片



15% SDS-PAGE showing ab87716 at approximately 21.6kDa (3 μ g).



All lanes : Anti-PTP4A3/PRL-R antibody ([ab82568](#)) at 1 μ g/ml

Lane 1 : Recombinant Human PTP4A3/PRL-R protein (ab87716) at 0.01 μ g

Lane 2 : Recombinant Human PTP4A3/PRL-R protein (ab87716) at 0.1 μ g

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) preadsorbed ([ab97080](#)) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Exposure time: 20 seconds

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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