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10-6613: Mouse Monoclonal Antibody to PRL3 (Clone: 111AT714)(Discontinued)

Clonality :	Monoclonal
Clone Name :	111AT714
Application :	WB
Reactivity :	Human,Mouse
Gene :	PTP4A3
Gene ID :	11156
Uniprot ID :	O75365
Format :	Purified
Alternative Name :	Protein tyrosine phosphatase type IVA 3, PRL-R, Protein-tyrosine phosphatase 4a3, Protein-tyrosine phosphatase of regenerating liver 3, PRL-3, PTP4A3, PRL3
Isotype :	Mouse IgG1

Description

The protein encoded by this gene belongs to a small class of prenylated protein tyrosine phosphatases (PTPs). PTPs are cell signaling molecules that play regulatory roles in a variety of cellular processes. This class of PTPs contain a PTP domain and a characteristic C-terminal prenylation motif. Studies of this class of PTPs in mice demonstrated that they were prenylated proteins in vivo, which suggested their association with cell plasma membrane. Overexpression of this gene in mammalian cells was reported to inhibit angiotensin-II induced cell calcium mobilization and promote cell growth. Two alternatively spliced variants exist.

Product Info

Amount :	80 µl / 400 µl
Purification :	Protein G Chromatography
Content :	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage condition :	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles.

Application Note

WB~1:100~500

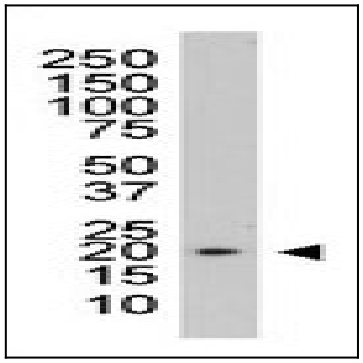


Figure 1: The monoclonal antibody anti-PRL3 (10-6613) is used in Western blot to detect PRL3 in 293 cells transfected with PRL3.

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