

TP4A2 Polyclonal Antibody

Cat No: HR1AP12163

For research use only

Overview

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| Product Name | TP4A2 Polyclonal Antibody |
| Source | Rabbit |
| Applications | WB,ELISA |
| Species Reactivity | Human,Rat,Mouse |
| Recommended Dilutions | |
| Immunogen | |
| Species | Rabbit |
| Storage | -20°C/1 year |
| Isotype | |
| Clonality | |
| Concentration | 1 mg/ml |
| Observed band | 18kDa |
| GeneID?Human? | PTP4A2 PRL2 PTPCAAX2 BM-008 |
| Human Swiss-Prot No. | |
| Cellular localization | |
| Alternative Names | |
| Background | <p>protein tyrosine phosphatase type IVA, member 2(PTP4A2) Homo sapiens The protein encoded by this gene belongs to a small class of the protein tyrosine phosphatase (PTP) family. PTPs are cell signaling molecules that play regulatory roles in a variety of cellular processes. PTPs in this class contain a protein tyrosine phosphatase catalytic domain and a characteristic C-terminal prenylation motif. This PTP has been shown to primarily associate with plasmic and endosomal membrane through its C-terminal prenylation. This PTP was found to interact with the beta-subunit of Rab geranylgeranyltransferase II (beta GGT II), and thus may function as a regulator of GGT II activity. Overexpression of this gene in mammalian cells conferred a transformed phenotype, which suggested its role in tumorigenesis. Alternatively spliced transcript variants have been described. Related pseudogenes exist on chromosomes 11, 12 and 17. [provided by RefSeq, Aug 2010],</p> |