

PTPN13 Rabbit pAb

货号: **AYP14067**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Mus musculus IF: Mus musculus IHC: Mus musculus
应用	WB IHC IF/ICC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:100 IF/ICC: 1:50 - 1:100
理论分子量	255kDa/274kDa/276kDa/277kDa
实测分子量	310kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T,A-549,U-87MG,Mouse kidney,Mouse lung,Mouse heart
细胞定位	Cell projection,Cytoplasm,Nucleus,cytoskeleton,lamellipodium
纯化	Affinity purification

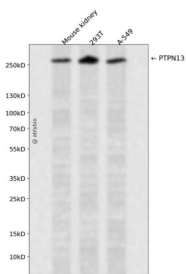
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 250-500 of human PTPN 13 (NP_542416.1).
序列	QDENYFKDILSDNSGRESENTFSFYQFKTSGPEKKPIPGIDVLSKKKIWASSMDLLCTADRFSSGETATYRRCHPEAVT VRTSTTPRKKEARYSDGSIALDIFGPQKMDPIYHTRELPTSSAISSALDRIRERQKKLQVLRAMNVVEEPVRRYKTYHGDVFS TSSEPSIISSSEDFRQVRRSEASKRFESSGLPGVDETL SQGQSQRPSRQYETPFEGNLINQEIMLKRQEEELMQLQAKM ALRQSR

靶点信息

研究背景	The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. This PTP is a large intracellular protein. It has a catalytic PTP domain at its C-terminus and two major structural domains: a region with five PDZ domains and a FERM domain that binds to plasma membrane and cytoskeletal elements. This PTP was found to interact with, and dephosphorylate, Fas receptor and I κ B α through the PDZ domains. This suggests it has a role in Fas mediated programmed cell death. This PTP was also shown to interact with GTPase-activating protein, and thus may function as a regulator of Rho signaling pathways. Four alternatively spliced transcript variants, which encode distinct proteins, have been reported.
基因ID	5783
基因名	PTPN13
Swiss	Q12923
别名	PTPN13;FAP-1;PNP1;PTP-BAS;PTP-BL;PTP1E;PTPL1;PTPLE;hPTP1E

产品验证



Western blot analysis of PTPN13 expressed in Mouse kidney, 293T, A-549 using PTPN13 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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