

PTPN2 Rabbit pAb

货号: **AYP12488**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	WB: Homo sapiens , Mus musculus
应用	WB IF/ICC
推荐浓度	WB: 1:500 - 1:1000 IF/ICC: 1:50 - 1:200
理论分子量	40kDa/45kDa/48kDa
实测分子量	45kDa
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	SW480,BT-474,Jurkat,K-562
细胞定位	Cell membrane,Cytoplasm,Endoplasmic reticulum,Endoplasmic reticulum-Golgi intermediate compartment,Nucleus
纯化	Affinity purification

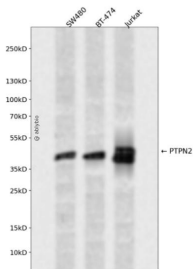
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-353 of human PTPN2 (P17706).
序列	MPTTIEREFEELDTQRRWQPLYLEIRNESHDYPHRVAKFPENRRNRNRYRDVSPYDHSRVKQLQNAENDYINASLVDIEEAQR SYILTQGPLPNTCCHFWMVWQKTKAVVMLNRIVEKESVKCAQYWPTDDQEMLFKETGFSVKLLSEDKSYYTVHLLQL ENINSGETRTISHFYHTTWPDFGVPEPASPFLNFLFKVRESGSLNPDHGPVAVIHCSAGIGRSGTFSLVDTCLVLMKGGDDIN IKQVLLNMRKYRMGLIQTPDQLRFSYMAIIEGAKCIKGDSSIQRWKELSKEDLSPAFDHSPNKIMTEKYNGNRIGLEEEKLT GDRCTGLSSKMQDTMEENSESALRKRI

靶点信息

研究背景	The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. Members of the PTP family share a highly conserved catalytic motif, which is essential for the catalytic activity. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. Epidermal growth factor receptor and the adaptor protein Shc were reported to be substrates of this PTP, which suggested the roles in growth factor mediated cell signaling. Multiple alternatively spliced transcript variants encoding different isoforms have been found. Two highly related but distinctly processed pseudogenes that localize to chromosomes 1 and 13, respectively, have been reported.
基因ID	5771
基因名	PTPN2
Swiss	P17706
别名	PTPN2;PTN2;PTPT;TC-PTP;TCELLPTP;TCPTP

产品验证



Western blot analysis of PTPN2 expressed in SW480,BT-474,Jurkat using PTPN2 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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