

**PZR (Phospho Tyr263) rabbit pAb**

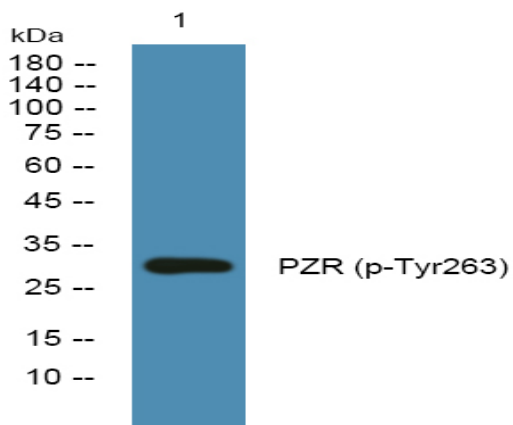
<b>Catalog No :</b>	YP1455
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;ELISA;IHC
<b>Target :</b>	PZR
<b>Fields :</b>	>>Cell adhesion molecules
<b>Gene Name :</b>	MPZL1 PZR UNQ849/PRO1787
<b>Protein Name :</b>	PZR (Tyr263)
<b>Human Gene Id :</b>	9019
<b>Human Swiss Prot No :</b>	O95297
<b>Mouse Gene Id :</b>	68481
<b>Mouse Swiss Prot No :</b>	Q3TEW6
<b>Rat Gene Id :</b>	360871
<b>Rat Swiss Prot No :</b>	Q6AYT8
<b>Immunogen :</b>	Synthesized phospho peptide around human PZR (Tyr263)
<b>Specificity :</b>	This antibody detects endogenous levels of Human Mouse Rat PZR (phospho-Tyr263)
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000;IHC 1:50-300; ELISA 2000-20000

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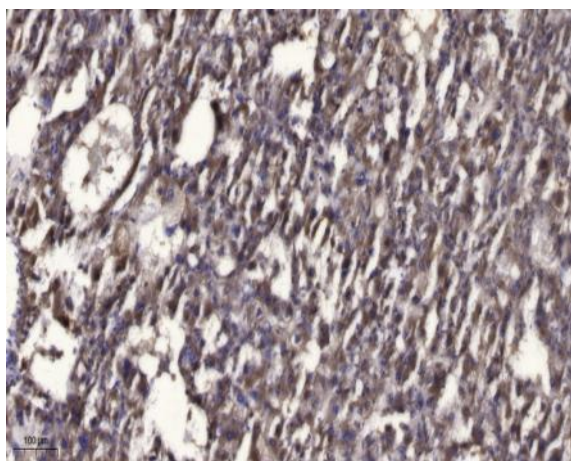
<b>Purification :</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	30kD
<b>Function :</b>	domain:Contains 2 copies of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). This motif is involved in modulation of cellular responses. The phosphorylated ITIM motif can bind the SH2 domain of several SH2-containing phosphatases.,function:Cell surface receptor, which is involved in signal transduction processes. Recruits PTPN11/SHP-2 to the cell membrane and is a putative substrate of PTPN11/SHP-2. Is a major receptor for concanavalin A (ConA) and is involved in cellular signaling induced by ConA, which probably includes Src family tyrosine-protein kinases. Isoform 3 seems to have a dominant negative role; it blocks tyrosine phosphorylation of MPZL1 induced by ConA. Isoform 1, but not isoform 2 and isoform 3, may be involved in regulation of integrin-mediated cell motility.,PTM:N-glycosylated.,PTM:Phosphorylated on tyrosine residues up
<b>Subcellular Location :</b>	Membrane ; Single-pass type I membrane protein .
<b>Expression :</b>	Widely expressed with highest levels in heart, placenta, kidney and pancreas. Isoform 3 is relatively abundant in hematopoietic tissues and fetal liver. Isoform 1 and isoform 3 are expressed in CD14- PB monocytes and pre-B cell progenitors. Isoform 3 appears to be the major isoform in CD34- promyelocytic and promonocytic cells. During differentiation in monocytic cells, the expression level of isoform 3 decreases and that of isoform 1 increases. Isoform 1 is prominent in stromal cells and, to a lesser extent, in umbilical vein endothelial cells and erythroid progenitors. Isoform 2 is expressed in a erythroid progenitor cell line.

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## Products Images



Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4° over night



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).