

PZR (Phospho Tyr263) rabbit pAb

Catalog No: YP1455

Reactivity: Human; Mouse; Rat

Applications: WB;ELISA;IHC

Target: PZR

Fields: >>Cell adhesion molecules

Gene Name: MPZL1 PZR UNQ849/PRO1787

O95297

Q3TEW6

Protein Name : PZR (Tyr263)

Human Gene ld: 9019

Human Swiss Prot

iuman Swiss Fio

No:

Mouse Gene ld: 68481

Mouse Swiss Prot

No:

Rat Gene Id: 360871

Rat Swiss Prot No: Q6AYT8

Immunogen: Synthesized phosho peptide around human PZR (Tyr263)

Specificity: This antibody detects endogenous levels of Human Mouse Rat PZR (phospho-

Tyr263)

Formulation : Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

Dilution: WB 1:500-2000;IHC 1:50-300; ELISA 2000-20000

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Purification: The antibody was affinity-purified from rabbit serum by affinity-chromatography

using specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 30kD

Function: 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

Subcellular Location:

Membrane; Single-pass type I membrane protein.

Expression: 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.

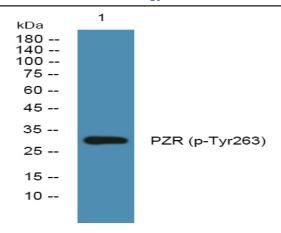
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No4:

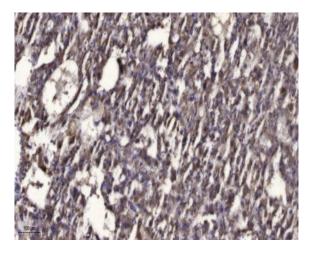
Host: Rabbit

Modifications : Phospho

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).