

Datasheet for ABIN6991445
anti-PEAR1 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	PEAR1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PEAR1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	PEAR1 antibody was raised against a 16 amino acid synthetic peptide near the carboxy terminus of human PEAR1. The immunogen is located within the last 50 amino acids of PEAR1.
Isotype:	IgG
Purification:	PEAR1 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	PEAR1
Alternative Name:	PEAR1 (PEAR1 Products)
Background:	PEAR1 Antibody: Platelet endothelial aggregation receptor 1 (PEAR1) is a platelet receptor that signals upon the formation of platelet-platelet contacts independent of platelet activation and

Target Details

secondary to platelet aggregation. Upon platelet aggregation stimulated by physiological agonists, PEAR1 becomes tyrosine- and serine-phosphorylated, the tyrosine phosphorylation can be inhibited by eptifibatide, an $\alpha_2\text{b}$ antagonist that also inhibits platelet aggregation. Recent studies have indicated that genetic variations in PEAR1, may be associated with enhanced agonist-induced platelet aggregation.

Gene ID: 375033

NCBI Accession: [NP_001073940](#)

UniProt: [Q5VY43](#)

Application Details

Application Notes: PEAR1 antibody can be used for detection of PEAR1 by Western blot at 1 $\mu\text{g/mL}$. Antibody can also be used for immunohistochemistry starting at 2.5 $\mu\text{g/mL}$. For immunofluorescence start at 20 $\mu\text{g/mL}$.

Antibody validated: Western Blot in rat samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PEAR1 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: PEAR1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.