

Datasheet for ABIN783779

## anti-PEAR1 antibody (C-Term)



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### 1 Image

#### 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:	Western Blotting (WB), Enzyme Immunoassay (EIA)

#### Product Details

Immunogen:	16 amino acid peptide near the carboxy terminus of human PEAR1
Specificity:	This antibody detects PEAR1 at C-term.
Cross-Reactivity (Details):	Species reactivity (tested): Human, mouse, rat
Purification:	Affinity chromatography purified via peptide column

#### Target Details

Target:	PEAR1
Alternative Name:	PEAR1 ( <a href="#">PEAR1 Products</a> )
Background:	Platelet endothelial aggregation receptor 1 (PEAR1) is a platelet receptor that signals upon the formation of platelet-platelet contacts independent of platelet activation and secondary to

## Target Details

platelet aggregation. Upon platelet aggregation stimulated by physiological agonists, PEAR1 becomes tyrosine- and serine-phosphorylated, the tyrosine phosphorylation can be inhibited by eptifibatide, an allbb3 antagonist that also inhibits platelet aggregation. Recent studies have indicated that genetic variations in PEAR1, may be associated with enhanced agonist-induced platelet aggregation. Synonyms: MEGF12, Multiple EGF-like domains protein 12, Multiple epidermal growth factor-like domains protein 12, Platelet endothelial aggregation receptor 1

Gene ID: 375033

NCBI Accession: [NP\\_001073940](#)

UniProt: [Q5VY43](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Buffer: PBS containing 0.02 % sodium azide

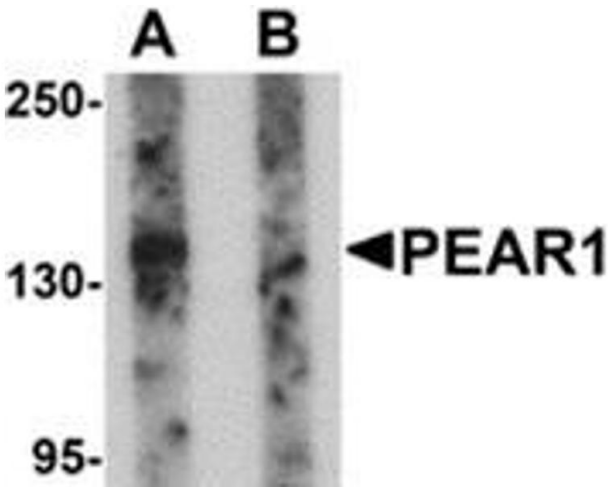
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to three months or (in aliquots) at -20 °C for longer.



Western Blotting

**Image 1.** Western blot analysis of PEAR1 in rat kidney tissue lysate with PEAR1 antibody at 1 µg/ml in (A) the absence and (B) the presence of blocking peptide.