

## **Product datasheet for TA326610**

## PEAR1 Rabbit Polyclonal Antibody

## **Product data:**

**Product Type:** Primary Antibodies

**Applications:** IF, IHC, WB

Recommended Dilution: WB: 1 ug/mL, ICC: 2.5 ug/mL, IF: 20 ug/mL

Reactivity: Human, Mouse, Rat

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**Immunogen:** PEAR1 antibody was raised against a 16 amino acid synthetic peptide near the carboxy

terminus of human PEAR1.

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

Concentration: 1 mg/ml

**Purification:** PEAR1 Antibody is affinity chromatography purified via peptide column.

**Conjugation:** Unconjugated

**Storage:** Store at -20°C as received.

Stability: Stable for 12 months from date of receipt.

Gene Name: platelet endothelial aggregation receptor 1

Database Link: NP 001073940

Entrez Gene 73182 MouseEntrez Gene 295293 RatEntrez Gene 375033 Human

Q5VY43

**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 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 allbbeta3 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:** JEDI; MEGF12

**Protein Families:** Transmembrane



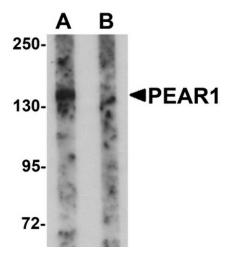
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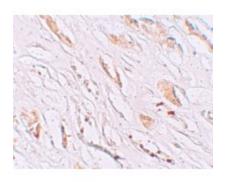
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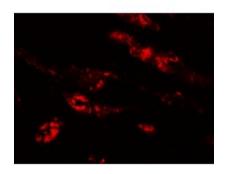
## **Product images:**



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



Immunohistochemistry of PEAR1 in human kidney tissue with PEAR1 antibody at 2.5 ug/mL.



Immunofluorescence of PEAR1 in human kidney tissue with PEAR1 antibody at 20 ug/mL.