

Datasheet for ABIN7163572
anti-PEAR1 antibody (AA 932-1037)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	PEAR1
Binding Specificity:	AA 932-1037
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PEAR1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Platelet endothelial aggregation receptor 1 protein (932-1037AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	PEAR1
Alternative Name:	PEAR1 (PEAR1 Products)
Background:	Background: When overexpressed, reduces the number of both early and late non-adherent myeloid progenitor cells.

Target Details

Aliases: hPEAR1 antibody, JEDI antibody, MEGF12 antibody, Multiple EGF-like domains protein 12 antibody, Multiple epidermal growth factor-like domains protein 12 antibody, Pear1 antibody, PEAR1_HUMAN antibody, Platelet endothelial aggregation receptor 1 antibody, RP11-107D16.3 antibody

UniProt: [Q5VY43](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

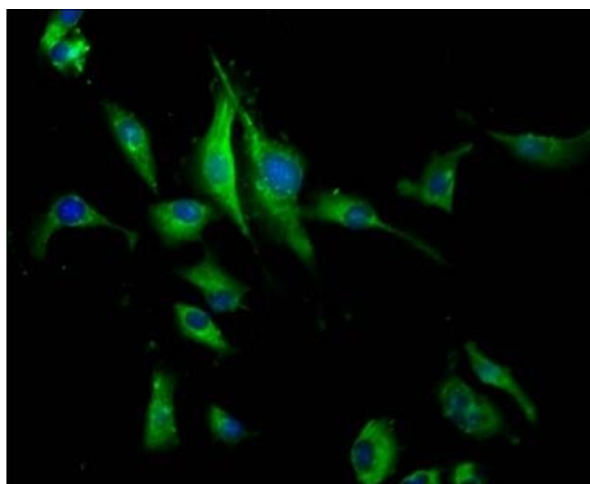
Preservative: ProClin

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

Storage: -20 °C, -80 °C

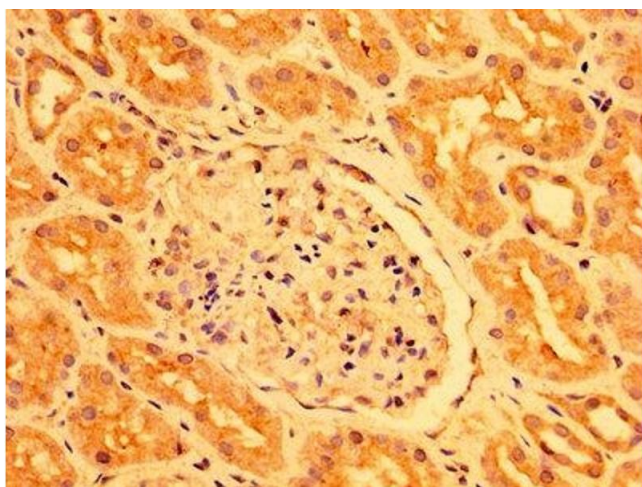
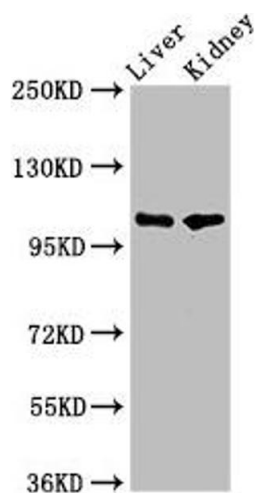
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunofluorescence

Image 1. Immunofluorescence staining of U251 cells with ABIN7163572 at 1:133, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blotting

Image 2. Western Blot Positive WB detected in: Rat liver tissue, Mouse kidney tissue All lanes: PEAR1 antibody at 5.2 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 111 kDa Observed band size: 111 kDa

Immunohistochemistry

Image 3. IHC image of ABIN7163572 diluted at 1:400 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.