

Datasheet for ABIN7166440
anti-PORCN antibody (AA 269-332)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	PORCN
Binding Specificity:	AA 269-332
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PORCN antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Protein-serine O-palmitoleoyltransferase porcupine protein (269-332AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	PORCN
Alternative Name:	PORCN (PORCN Products)
Background:	Background: Protein-serine O-palmitoleoyltransferase that acts as a key regulator of the Wnt signaling pathway by mediating the attachment of palmitoleate, a 16-carbon monounsaturated

Target Details

fatty acid (C16:1), to Wnt proteins. Serine palmitoylation of WNT proteins is required for efficient binding to frizzled receptors.

Aliases: DHOF antibody, FODH antibody, MG61 antibody, MGC29687 antibody, por antibody, PORC antibody, PORCN antibody, PORCN_HUMAN antibody, PPN antibody, Probable protein-cysteine N-palmitoyltransferase porcupine antibody, Protein MG61 antibody

UniProt: [Q9H237](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200, 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

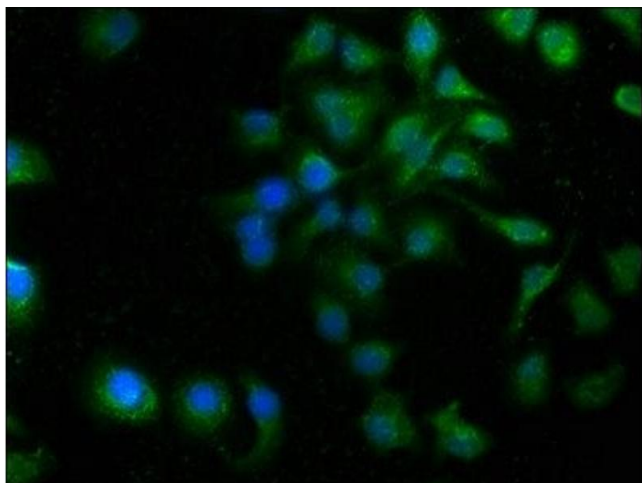
Preservative: ProClin

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

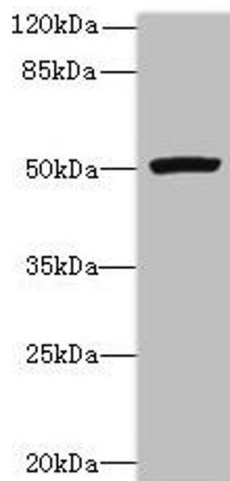
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



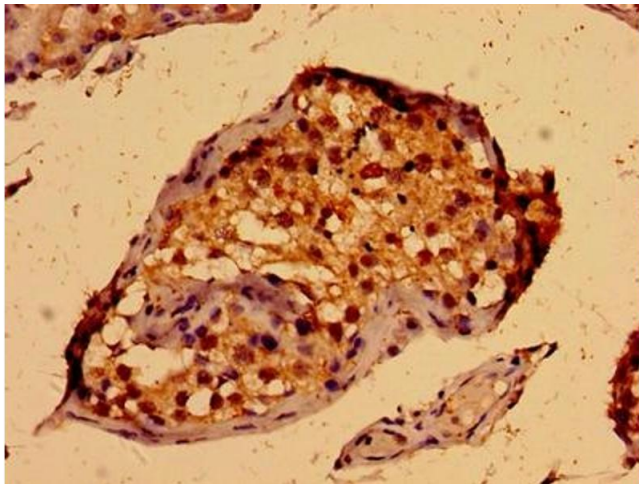
Immunofluorescence

Image 1. Immunofluorescence staining of A549 cells with ABIN7166440 at 1:100, 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 All lanes: PORCN antibody at 3 μ g/mL + Mouse thymus tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 53, 52, 43 kDa Observed band size: 53 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7166440 at dilution of 1:100