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Datasheet for ABIN2966738

anti-IMPA1 antibody

3 Images

Overview

Quantity:	200 µL
Target:	IMPA1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IMPA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	Recombinant full length protein of human IMPA1
Specificity:	Recognizes endogenous levels of IMPA1 protein.
Characteristics:	Rabbit polyclonal antibody to IMPA1
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	IMPA1
Alternative Name:	IMPA1 (IMPA1 Products)
Background:	IMPA, Inositol monophosphatase 1, IMP 1, IMPase 1, Inositol-1(or 4)-monophosphatase 1, Lithium-sensitive myo-inositol monophosphatase A1

Target Details

Gene ID: 3612, 83523

UniProt: [P29218](#), [O55023](#), [P97697](#)

Application Details

Application Notes: WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:10 - 1:100)

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.

Preservative: Sodium azide

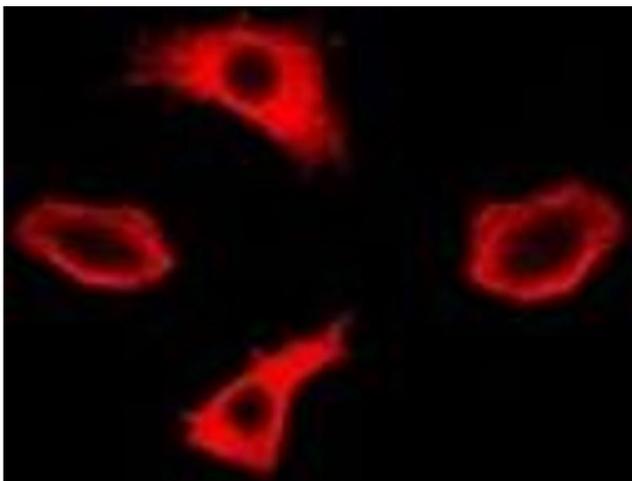
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

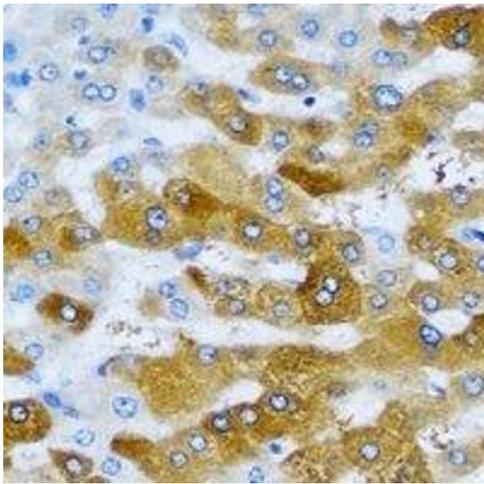
Expiry Date: 12 months

Images



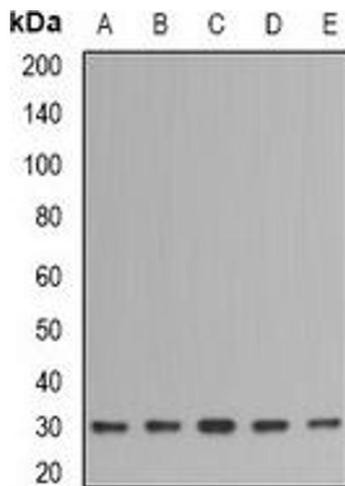
Immunofluorescence

Image 1. Immunofluorescent analysis of IMPA1 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody



Immunohistochemistry

Image 2. Immunohistochemical analysis of IMPA1 staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with



Western Blotting

Image 3. Western blot analysis of IMPA1 expression in SKOV3 (A), Jurkat (B), mouse liver (C), mouse brain (D), rat thymus (E) whole cell lysates.