

Datasheet for ABIN7306952

anti-PTGES2 antibody**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PTGES2
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTGES2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	Recombinant full length protein of human PTGES2
Specificity:	Recognizes endogenous levels of PTGES2 protein.
Characteristics:	Rabbit polyclonal antibody to PTGES2
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	PTGES2
Alternative Name:	PTGES2 (PTGES2 Products)
Background:	C9orf15, PGES2, Prostaglandin E synthase 2, Microsomal prostaglandin E synthase 2, mPGES-2
Gene ID:	80142, 96979

Target Details

UniProt:	Q9H7Z7 , Q8BWM0
Pathways:	Interferon-gamma Pathway , Cell RedoxHomeostasis , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:100)
Restrictions:	For Research Use only

Handling

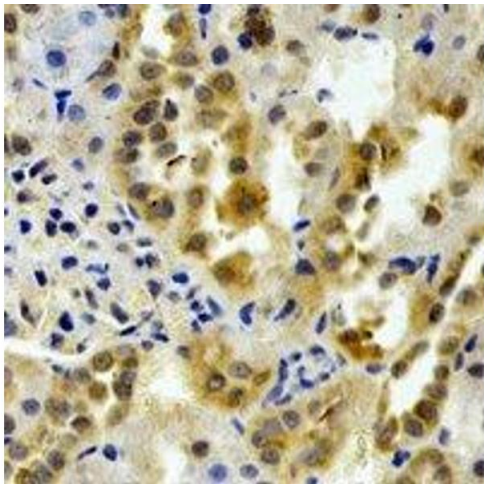
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-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



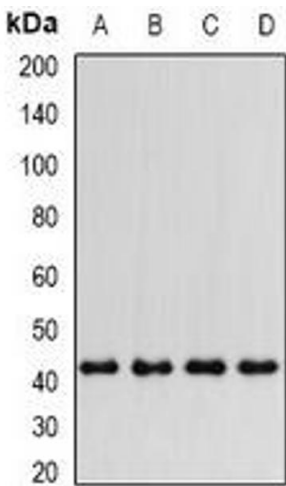
Immunofluorescence

Image 1. Immunofluorescent analysis of PTGES2 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 PTGES2 staining in rat kidney 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 the a



Western Blotting

Image 3. Western blot analysis of PTGES2 expression in Hela (A), HL60 (B), mouse kidney (C), mouse heart (D) whole cell lysates.