Datasheet for ABIN7010602

anti-PA2G4 antibody

5 Images

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Overview

Quantity:	60 µL
Target:	PA2G4
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PA2G4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human PA2G4 (NP_006182.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	PA2G4
Alternative Name:	PA2G4 (PA2G4 Products)
Background:	This gene encodes an RNA-binding protein that is involved in growth regulation. This protein is present in pre-ribosomal ribonucleoprotein complexes and may be involved in ribosome assembly and the regulation of intermediate and late steps of rRNA processing. This protein can interact with the cytoplasmic domain of the ErbB3 receptor and may contribute to

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Target Details

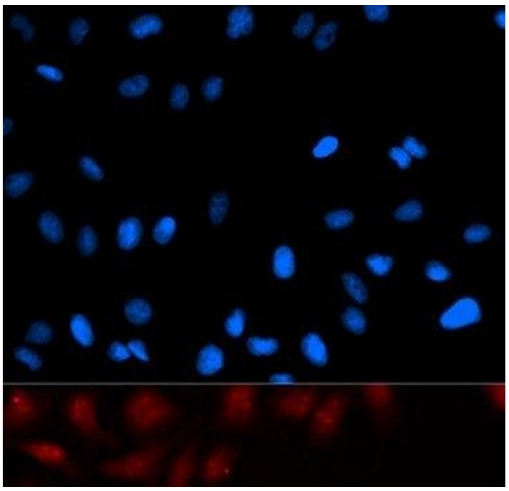
	transducing growth regulatory signals. This protein is also a transcriptional co-repressor of androgen receptor-regulated genes and other cell cycle regulatory genes through its interactions with histone deacetylases. This protein has been implicated in growth inhibition and the induction of differentiation of human cancer cells. Six pseudogenes, located on chromosomes 3, 6, 9, 18, 20 and X, have been identified.
Molecular Weight:	Observed_MW: 44 kDa Calculated_MW: 38 kDa/43 kDa
Gene ID:	5036
UniProt:	Q9UQ80
Pathways:	Myometrial Relaxation and Contraction, Regulation of Carbohydrate Metabolic Process, Hepatitis C, Toll-Like Receptors Cascades

Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:200
Restrictions:	For Research Use only

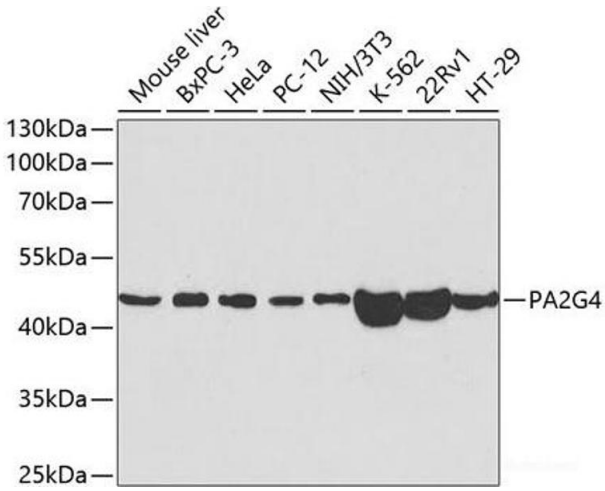
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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:	Store at -20°C. Avoid freeze / thaw cycles.



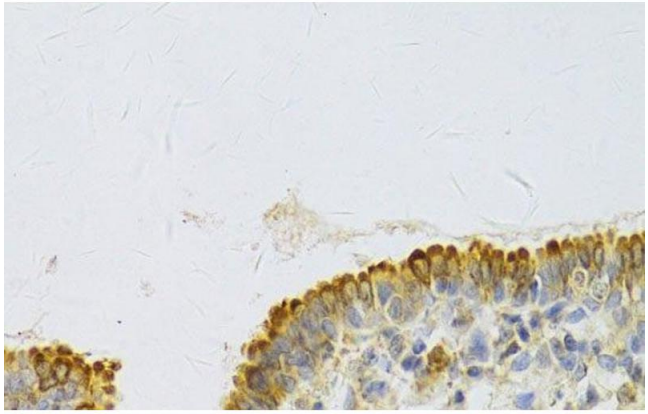
Immunofluorescence

Image 1. Immunofluorescence analysis of U2OS cells using PA2G4 Polyclonal Antibody



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using PA2G4 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Rat lung using PA2G4 Polyclonal Antibody at dilution of 1:100 (40x lens).

Please check the product details page for more images. Overall 5 images are available for ABIN7010602.