antibodies - online.com







anti-PA2G4 antibody (AA 228-255)





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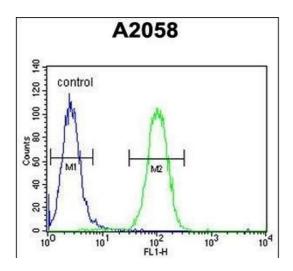
Quantity:	400 μL
Target:	PA2G4
Binding Specificity:	AA 228-255
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PA2G4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)
Product Details	
Immunogen:	This PA2G4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 228-255 amino acids from the Central region of human PA2G4.
Clone:	RB17484
Isotype:	lg Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target: PA2G4

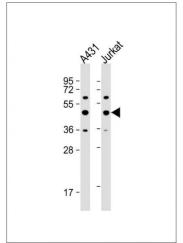
Target Details

rarget Details	
Alternative Name:	PA2G4 (PA2G4 Products)
Background:	PA2G4 is 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. The protein can interact with the cytoplasmic domain of the ErbB3 receptor and may contribute to transducing growth regulatory signals. It is also a transcriptional co-repressor of androgen receptor-regulated genes and other cell cycle regulatory genes through its interactions with histone deacetylases. It has been implicated in growth inhibition and the induction of differentiation of human cancer cells.
Molecular Weight:	43787
NCBI Accession:	NP_006182
UniProt:	Q9UQ80
Pathways:	Myometrial Relaxation and Contraction, Regulation of Carbohydrate Metabolic Process, Hepatitis C, Toll-Like Receptors Cascades
Application Details	
Application Notes:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Expiry Date:	6 months



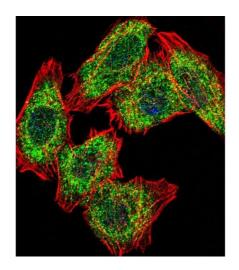
Flow Cytometry

Image 1. G4 Antibody (Center) (ABIN6243193 and ABIN6578923) flow cytometric analysis of cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. All lanes: Anti-G4 Antibody (Center) at 1:1000 dilution Lane 1: A431 whole cell lysate Lane 2: Jurkat whole cell lysate Lysates/proteins at 20 μg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 44 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Immunofluorescence

Image 3. Fluorescent confocal image of cell stained with G4 Antibody (Center) (ABIN6243193 and ABIN6578923). cells were fixed with 4 % PFA (20 min), permeabilized with Triton X-100 (0.1 %, 10 min), then incubated with G4 primary antibody (1:25, 1 h at 37 °C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 °C). Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7 units/mL, 1 h at 37 °C). Nuclei were counterstained with DI (blue) (10 μ g/mL, 10 min).G4 immunoreactivity is localized to Cytoplasm significantly and Nucleus weakly.

Please check the product details page for more images. Overall 4 images are available for ABIN6243193.