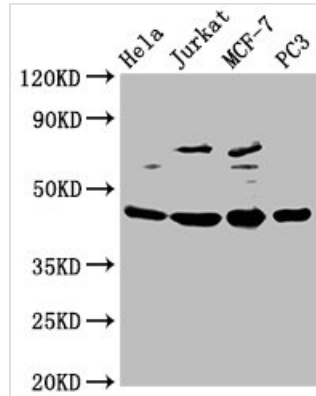




PA2G4 Antibody

Product Code	CSB-PA891987LA01HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q9UQ80
Immunogen	Recombinant Human Proliferation-associated protein 2G4 protein (2-394AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, IHC, IF; Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200
Relevance	May play a role in a ERBB3-regulated signal transduction pathway. Seems be involved in growth regulation. Acts a corepressor of the androgen receptor (AR) and is regulated by the ERBB3 ligand neuregulin-1/hereregulin (HRG). Inhibits transcription of some E2F1-regulated promoters, probably by recruiting histone acetylase (HAT) activity. Binds RNA. Associates with 28S, 18S and 5.8S mature rRNAs, several rRNA precursors and probably U3 small nucleolar RNA. May be involved in regulation of intermediate and late steps of rRNA processing. May be involved in ribosome assembly. Mediates cap-independent translation of specific viral IRESs (internal ribosomal entry site) (By similarity). Regulates cell proliferation, differentiation, and survival. Isoform 1 suppresses apoptosis whereas isoform 2 promotes cell differentiation (By similarity).
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Proliferation-associated protein 2G4 (Cell cycle protein p38-2G4 homolog) (hG4-1) (ErbB3-binding protein 1), PA2G4, EBP1
Species	Human
Research Area	Epigenetics and Nuclear Signaling
Target Names	PA2G4
Image	



Western Blot

Positive WB detected in: HeLa whole cell lysate, Jurkat whole cell lysate, MCF-7 whole cell lysate, PC-3 whole cell lysate

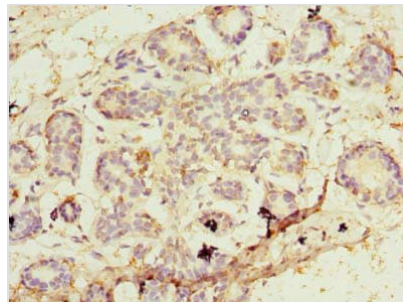
All lanes: PA2G4 antibody at 2.5µg/ml

Secondary

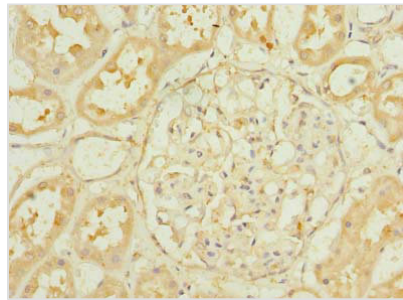
Goat polyclonal to rabbit IgG at 1/50000 dilution

Predicted band size: 44, 39 kDa

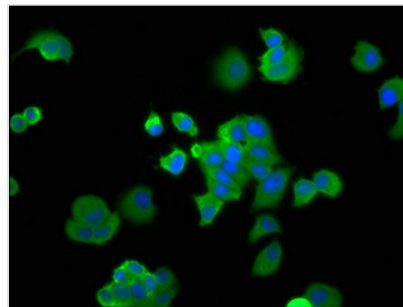
Observed band size: 44 kDa



Immunohistochemistry of paraffin-embedded human breast cancer using CSB-PA891987LA01HU at dilution of 1:100



Immunohistochemistry of paraffin-embedded human kidney tissue using CSB-PA891987LA01HU at dilution of 1:100



Immunofluorescence staining of MCF-7 cells with CSB-PA891987LA01HU at 1:166, 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).