antibodies - online.com







anti-PA2G4 antibody





)\/(

Quantity:	100 μL
Target:	PA2G4
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This PA2G4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	EBP1/PA2G4 Rabbit mAb
Immunogen:	A synthesized peptide derived from human EBP1/PA2G4
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	PA2G4
Alternative Name:	EBP1/PA2G4 (PA2G4 Products)
Background:	This gene encodes an RNA-binding protein that is involved in growth regulation. This protein is

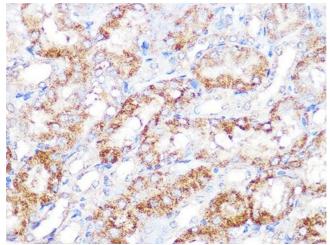
present in pre-ribosomal ribonucleoprotein complexes and may be involved in ribosome assembly and the regulation of intermediate and late steps of rRNA processing. This protein can interact with the cytoplasmic domain of the ErbB3 receptor and may contribute to transducing growth regulatory signals. 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. [provided by RefSeq, Jul 2008],EBP1, HG4-1, p38-2G4,Epigenetics & Nuclear Signaling,Nuclear Receptor Signaling,RNA Binding,EBP1/PA2G4

Molecular Weight:	48kDa
Gene ID:	5036
UniProt:	Q9UQ80
Pathways:	Myometrial Relaxation and Contraction, Regulation of Carbohydrate Metabolic Process,
	Hepatitis C, Toll-Like Receptors Cascades

Application Details

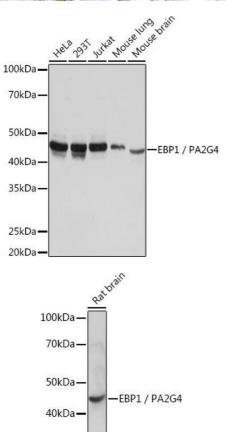
Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only
Handling	

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,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.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded mouse kidney using EBP1/PG4 Rabbit mAb (ABIN7269550) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



35kDa-

25kDa-20kDa-

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using EBP1/PG4 Rabbit mAb (ABIN7269550) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 μg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 3s.

Western Blotting

Image 3. Western blot analysis of extracts of Rat brain, using EBP1/PG4 Rabbit mAb (ABIN7269550) at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution.Lysates/proteins: 25 μg per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.

Please check the product details page for more images. Overall 6 images are available for ABIN7269550.