

Datasheet for ABIN1882075
anti-PA2G4 antibody (C-Term)

4 Images

1 Publication

[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	PA2G4
Binding Specificity:	AA 322-350, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PA2G4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This EBP1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 322-350 amino acids from the C-terminal region of human EBP1.
Clone:	RB19220
Isotype:	Ig Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	PA2G4
---------	-------

Target Details

Alternative Name:	EBP1 (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. 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.
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:	WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

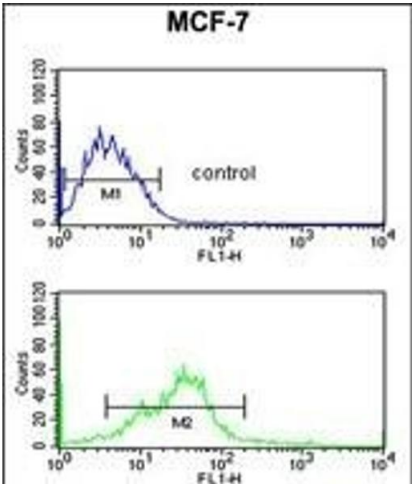
Handling

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

Publications

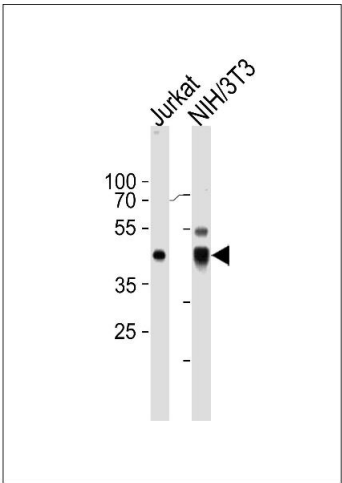
Product cited in:	Tekin, Erden, Ozyalin, Cigremis, Colak, Sandal: "The effects of intracerebroventricular infusion of irisin on feeding behaviour in rats." in: Neuroscience letters , Vol. 645, pp. 25-32, (2017) (
-------------------	---

Images



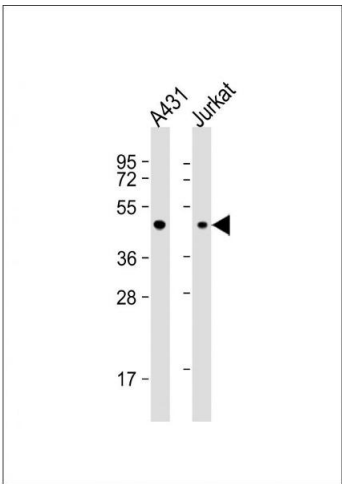
Flow Cytometry

Image 1. EBP1 Antibody (C-term) (ABIN1882075 and ABIN2839467) flow cytometric analysis of MCF-7 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. EBP1 Antibody (C-term) (ABIN1882075 and ABIN2839467) western blot analysis in Jurkat, mouse NIH/3T3 cell line lysates (35 µg/lane). This demonstrates the EBP1 antibody detected the EBP1 protein (arrow).



Western Blotting

Image 3. All lanes : Anti-EBP1 Antibody (C-term) 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.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1882075.