

Rabbit EBP1 Polyclonal Antibody | anti-PA2G4 antibody

Anti-EBP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA46744	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

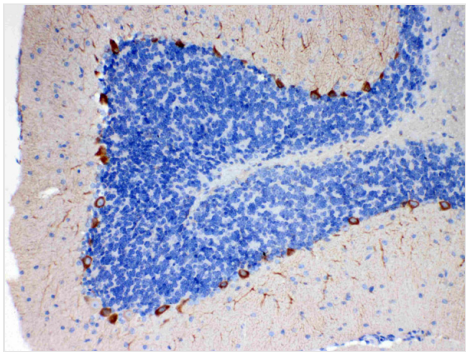
PRODUCT SYNONYMS

EBP1; Polyclonal Antibody; Anti-EBP1 Antibody; hG4 1; hG4-1; Mpp1; p38 2G4; Pa2g4; Plfap; Q9UQ80; Proliferation-associated protein 2G4; proliferation-associated 2G4; anti-PA2G4 antibody

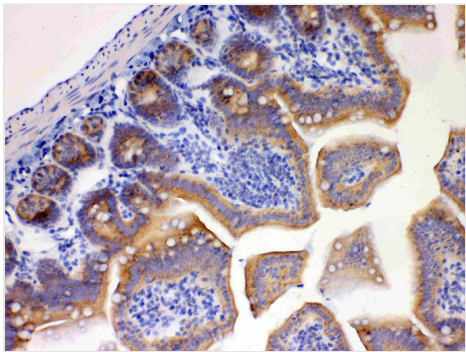
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	394
Applicable Applications for anti-PA2G4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Notes	Tested Species: In-house tested species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections. Other applications have not been tested.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human EBP1 (138-178aa RKADVIKAAHLCAEAAALRLVKPGNQNTQVTEAWNKVAHSFN), identical to the related mouse and rat sequences.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

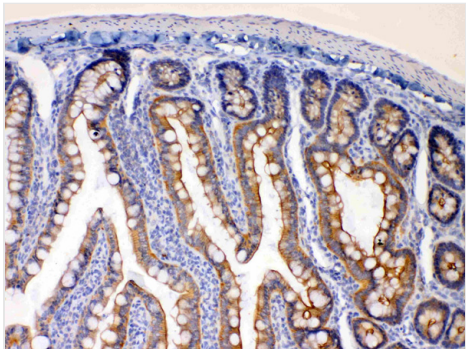
IMAGES



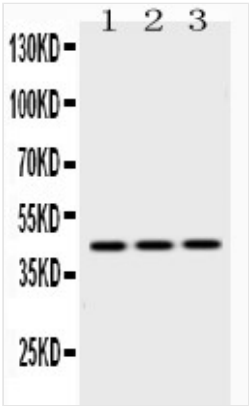
IHC (Immunohistochemistry)
EBP1 was detected in paraffin-embedded sections of mouse brain tissues using rabbit anti-EBP1 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)
EBP1 was detected in paraffin-embedded sections of mouse intestine tissues using rabbit anti-EBP1 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)
EBP1 was detected in paraffin-embedded sections of rat intestine tissues using rabbit anti-EBP1 Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



WB (Western Blot)
Western blot analysis of EBP1 expression in rat liver extract (lane 1), NIH3T3 whole cell lysates (lane 2) and HEPG2 whole cell lysates (lane 3). EBP1 at 43KD was detected using rabbit anti-EBP1 Antigen Affinity purified polyclonal antibody at 0.5ug/mL. The blot was developed using chemiluminescence (ECL) method.

ADDITIONAL INFORMATION

Related Product Information for anti-PA2G4 antibody	Rabbit IgG polyclonal antibody for Proliferation-associated protein 2G4(PA2G4) detection. Background: Proliferation-associated protein 2G4 (PA2G4), also known as ErbB3-binding protein 1 (EBP1), is a protein that in humans is encoded by the PA2G4 gene. 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 corepressor of androgen receptor-regulated genes and other cell cycle regulatory genes through its interactions with histone deacetylases.
References	1. Lamartine J, Seri M, Cinti R, Heitzmann F, Creaven M, Radomski N, Jost E, Lenoir GM, Romeo G, Sylla BS (November 1997). "Molecular cloning and mapping of a human cDNA (PA2G4) that encodes a protein highly homologous to the mouse cell cycle protein p38-2G4". Cytogenet Cell Genet. 78 (1): 31-5. 2. "Entrez Gene: PA2G4 proliferation-associated 2G4, 38kDa".

NCBI AND UNIPROT INFORMATION

NCBI GI #	124494254
NCBI GeneID	5036
NCBI Accession #	NP_006182.2
NCBI GenBank Nucleotide #	NM_006191.2

UniProt Accession #	Q9UQ80 ; O43846 ; Q9UM59
Molecular Weight	38,059 Da
NCBI Official Full Name	proliferation-associated protein 2G4
NCBI Official Synonym Full Names	proliferation-associated 2G4
NCBI Official Symbol	PA2G4
NCBI Official Synonym Symbols	EBP1; HG4-1; p38-2G4
NCBI Protein Information	proliferation-associated protein 2G4
UniProt Protein Name	Proliferation-associated protein 2G4
UniProt Gene Name	PA2G4
UniProt Synonym Gene Names	EBP1; hG4-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ebp1-antibody-immunohistochemistry-western-blot-elisa/46744>