

Rabbit anti-Human EBP1 Polyclonal Antibody | anti-EBP1 antibody

EBP1 Antibody, Rabbit PAb, Antigen Affinity Purified

CATALOG # AAA258607	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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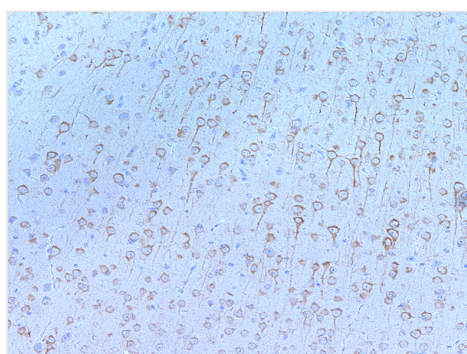
PRODUCT SYNONYMS

EBP1; Polyclonal Antibody; EBP1 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-EBP1 Antibody; Anti-HG4-1 Antibody; Anti-p38-2G4 Antibody; anti-EBP1 antibody

PRODUCT SPECIFICATIONS

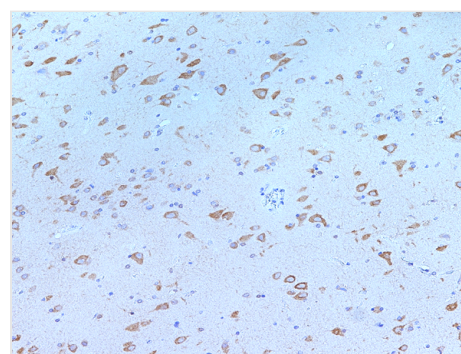
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Human EBP1
Applicable Applications for anti-EBP1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human EBP1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



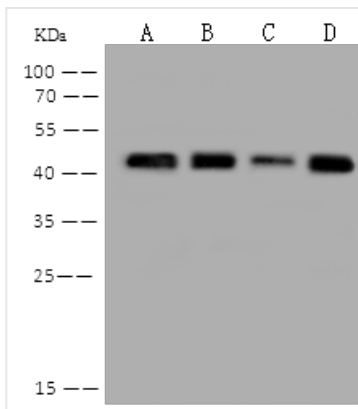
IHC (Immunohistochemistry)

Immunochemical staining of human EBP1 in mouse brain with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human EBP1 in human brain with rabbit polyclonal antibody at 1:200 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-EBP1 rabbit polyclonal antibody at 1:500 dilution; Lane A: HeLa Whole Cell Lysate; Lane B: Jurkat Whole Cell Lysate; Lane C: A431 Whole Cell Lysate; Lane D: MCF-7 Whole Cell Lysate; Lysates/proteins at 30 ug per lane.; Secondary; Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.; Developed using the ECL technique.; Performed under reducing conditions.; Predicted band size:44 kDa; Observed band size:44 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-EBP1 antibody	EBP1, also known as PA2G4, is an RNA-binding protein that belongs to the peptidase M24 family. It can be detected in several cell lines tested, including primary and transformed cell lines. EBP1 also 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 is a transcriptional co-repressor of androgen receptor-regulated genes and other cell cycle regulatory genes through its interactions with histone deacetylases. PA2G4 can interact with the cytoplasmic domain of the ErbB3 receptor and may contribute to transducing growth regulatory signals. EBP1 has been implicated in growth inhibition and the induction of differentiation of human cancer cells. It seems to be involved in growth regulation. EBP1 also mediates cap-independent translation of specific viral IRESs (internal ribosomal entry site).
Product Categories/Family for anti-EBP1 antibody	Drug Targets

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	43,787 Da
NCBI Official Full Name	proliferation-associated protein 2G4
NCBI Official Synonym Full Names	proliferation-associated 2G4, 38kDa
NCBI Official Symbol	PA2G4
NCBI Official Synonym Symbols	EBP1; HG4-1; p38-2G4
NCBI Protein Information	proliferation-associated protein 2G4; erbB3-binding protein 1; ErbB-3 binding protein 1; ErbB3-binding protein Ebp1; cell cycle protein p38-2G4 homolog
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://stage.aaabiotech.com/polyclonal/ebp1-antibody-immunohistochemistry-western-blot-elisa/258607>