

## Rabbit anti-Human, Mouse EBP1 Polyclonal Antibody | anti-EBP1 antibody

Rabbit anti-EBP1 Antibody, Affinity Purified

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                            |
|-----------|--------|--------------|---------------------------------------------------------|
| AAA212110 | Rabbit | Human, Mouse | Immunohistochemistry, Immunoprecipitation, Western Blot |

### PRODUCT SYNONYMS

EBP1; Polyclonal Antibody; Rabbit anti-EBP1 Antibody; Affinity Purified; ErbB-3 binding protein 1; p38-2G4; proliferation-associated protein 2G4; proliferation-associated 2G4; 38kDa; 38kD; HG4-1; erbB3-binding protein 1; cell cycle protein p38-2G4 homolog; ErbB3-binding protein Ebp1; Proliferation-associated protein 2G4; anti-EBP1 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                    |
|------------------------------------------------|------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                             |
| Reactivity                                     | Human, Mouse                                                                       |
| Clonality                                      | Polyclonal                                                                         |
| Purity/Purification                            | Antigen Affinity Purified                                                          |
| Form/Format                                    | Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide |
| Concentration                                  | 200ug/ml (varies by lot)                                                           |
| Applicable Applications for anti-EBP1 antibody | IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)            |
| Immunogen                                      | Between 344 and C-terminus                                                         |
| Conjugation                                    | Unconjugated                                                                       |
| Preparation and Storage                        | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                   |

### IMAGES



#### WB (Western Blot)

Detection of human and mouse EBP1 by western blot (h & m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T, 50 ug) and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-EBP1 antibody AAA212110 used for WB at 0.04 ug/ml (A) and 1 ug/ml (B) and used for IP at 6 ug/mg lysate. EBP1 was also immunoprecipitated by rabbit anti-EBP1 antibody which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 10 seconds (A) and 3 seconds (B).



#### IHC (Immunohistochemistry)

Detection of human EBP1 by immunohistochemistry. Samples: FFPE serial sections of human prostate carcinoma. Antibody: Affinity purified rabbit anti-EBP1 (Cat. No. Lot1, left image and Cat. No. AAA212110 Lot1, right image) used at a dilution of 1:200 (1ug/ml). Detection: DAB. Counterstain: hematoxylin (blue).

### ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                          |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-EBP1 antibody | ErbB-3 binding protein (EBP1) may play a role in a ERBB3-regulated signal transduction pathway. EBP1 Seems be involved in growth regulation. It acts as a corepressor of the androgen receptor (AR) and is regulated by the ERBB3 ligand neuregulin-1/hereregulin (HRG). |
| Product Categories/Family for anti-EBP1 antibody   | Primary Antibodies                                                                                                                                                                                                                                                       |

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                | <b>PA2G4</b>                                                                                                                                            |
| UniProt Synonym Gene Names       | EBP1; hG4-1                                                                                                                                             |
| UniProt Entry Name               | PA2G4_HUMAN                                                                                                                                             |

**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-immunoprecipitation-western-blot-elisa/212110>