

# Anti-C/EBP gamma Antibody

Catalog # AP60723

## Product Information

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|                   |                                    |
|-------------------|------------------------------------|
| Application       | WB, IHC, IF/IC                     |
| Primary Accession | <a href="#">P53567</a>             |
| Reactivity        | Human, Mouse, Rat, Chicken, Bovine |
| Host              | Rabbit                             |
| Clonality         | Polyclonal                         |
| Calculated MW     | 16408                              |

## Additional Information

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|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | 1054                                                                                                                                                |
| Other Names        | CCAAT/enhancer-binding protein gamma; C/EBP gamma                                                                                                   |
| Target/Specificity | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human C/EBP gamma. The exact sequence is proprietary.          |
| Dilution           | WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200), IF/IC (1/100 - 1/500) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200), IF/IC (1/100 - 1/500) IF/IC~~N/A |
| Format             | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.                                           |
| Storage            | Store at -20 °C.Stable for 12 months from date of receipt                                                                                           |

## Protein Information

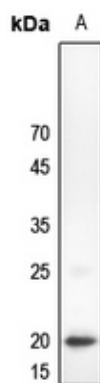
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|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name              | CEBPG                                                                                                                                                                                                                                                                                                                                                        |
| Function          | Transcription factor that binds to the promoter and the enhancer regions of target genes. Binds to the enhancer element PRE-I (positive regulatory element-I) of the IL-4 gene (PubMed: <a href="#">7665092</a> ). Binds to the promoter and the enhancer of the immunoglobulin heavy chain. Binds to GPE1, a cis-acting element in the G-CSF gene promoter. |
| Cellular Location | Nucleus {ECO:0000250 UniProtKB:P53568}.                                                                                                                                                                                                                                                                                                                      |

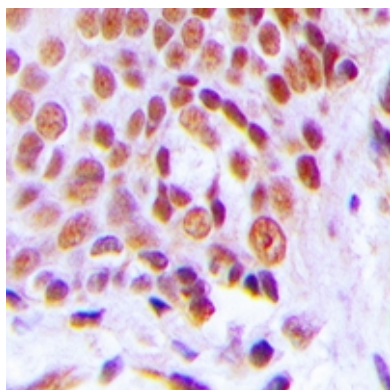
## Images

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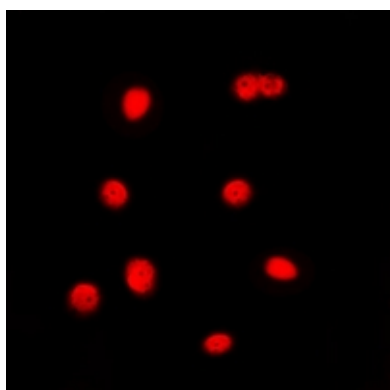
Western blot analysis of C/EBP gamma expression in mouse lung (A) whole cell lysates. (Predicted band size:



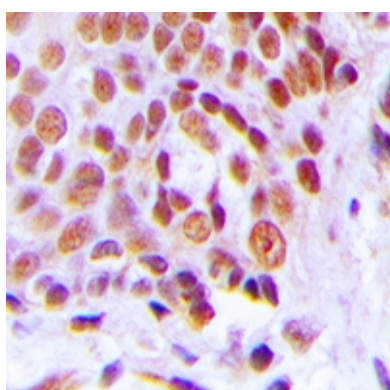
16 kD; Observed band size: 20 kD)



Immunohistochemical analysis of C/EBP gamma staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunofluorescent analysis of C/EBP gamma staining in Jurkat cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



Immunohistochemical analysis of C/EBP gamma staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.