

C/EBP- δ/ϵ (A217) polyclonal antibody

Catalog: BS2004

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

C/EBP α regulates gene expression in a variety of tissues including liver, adipose, lung and intestine. C/EBP α uses a bipartite structural motif to bind DNA. Two protein chains dimerize through a set of amphipathic α helices termed the leucine zipper. Highly basic polypeptide regions emerge from the zipper to form a linked set of DNA contact surfaces. C/EBP α appears to function exclusively in terminally-differentiated, growth-arrested cells. Additional family members include C/EBP β , C/EBP γ , C/EBP δ and C/EBP ϵ , all of which exhibit similar DNA-binding specificities and affinities to C/EBP α . Furthermore, C/EBP β and C/EBP δ readily form heterodimers both with each other as well as with C/EBP α .

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 30, 45 kDa

Swiss-Prot:

P49716/Q15744

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

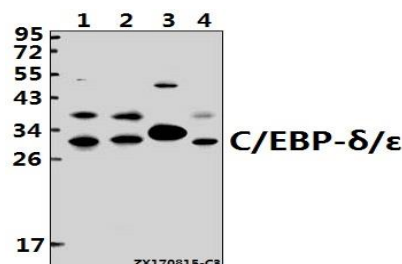
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

C/EBP- δ/ϵ (A217) polyclonal antibody detects endogenous levels of C/EBP- ϵ and C/EBP- δ protein.

DATA:



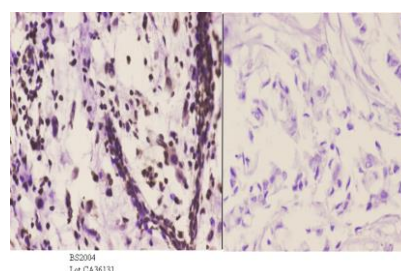
Western blot (WB) analysis of C/EBP- δ/ϵ (A217) pAb at 1:500 dilution

Lane1:CT26 whole cell lysate(40ug)

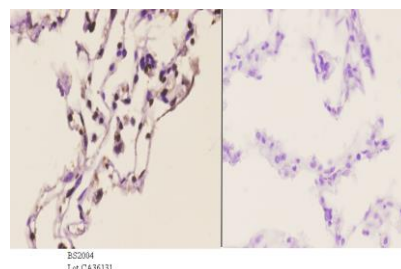
Lane2:H9C2 whole cell lysate(40ug)

Lane3:HCT116 whole cell lysate(40ug)

Lane4:Hela whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of C/EBP- δ/ϵ (A217) pAb in paraffin-embedded human breast carcinoma tissue at 1:50. showing cytoplasmic and nucleus staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.



Immunohistochemistry (IHC) analyzes of C/EBP- δ/ϵ (A217) pAb in paraffin-embedded human lung carcinoma tissue at 1:50. showing cytoplasmic and nucleus staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit

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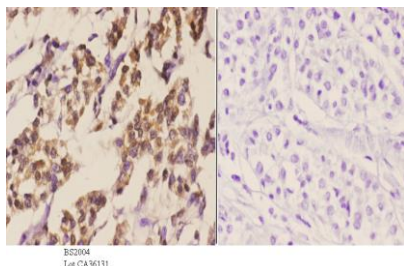
Fax: 0086-025-68035151



PRODUCT DATA SHEET

Bioworld Technology, Inc.

IgG-biotin followed by avidin-peroxidase.



Immunohistochemistry (IHC) analyzes of C/EBP- δ/ϵ (A217) pAb in paraffin-embedded human liver carcinoma tissue at 1:50. showing cytoplasmic and nucleus staining. Negative control (the right) Using PBS

instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

Note:

For research use only, not for use in diagnostic procedure.

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