

C/EBP ζ (D24) polyclonal antibody

Catalog: BS2297

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

C/EBP family members include C/EBP α , C/EBP β , C/EBP γ , C/EBP δ , C/EBP ϵ and C/EBP ζ , all of which are capable of forming homodimers or heterodimers with each other. C/EBP ζ , also known as CBF2, NOC1, CHOP10 (C/EBP homologous protein 10), GADD153 (growth arrest and DNA damage-inducible gene 153) or HSPCBF, is a ubiquitously expressed 1,054 amino acid protein that localizes to the nucleus and regulates transcription. More specifically, C/EBP ζ is believed to play a role regulating the expression of CRP (C-reactive protein). Unlike most C/EBP dimers, C/EBP ζ -containing dimers do not bind the classical C/EBP-binding consensus sequence. Rather, C/EBP ζ -containing dimers must associate with RBP-J κ (another transcription factor) in order to accomplish binding to the C/EBP site.

Product:

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

Molecular Weight:

~121 kDa

Swiss-Prot:

Q03701

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

Storage&Stability:

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

Specificity:

C/EBP ζ (D24) polyclonal antibody detects endogenous levels of C/EBP ζ protein.

DATA:



Western blot (WB) analysis of C/EBP ζ (D24) pAb at 1:500 dilution

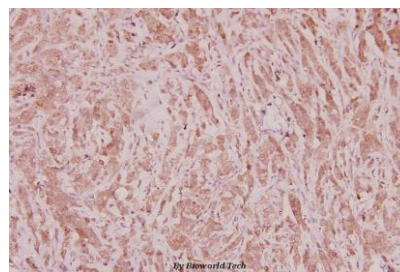
Lane1:PC12 whole cell lysate(40ug)

Lane2:3T3-L1 whole cell lysate(40ug)

Lane3:A2780 whole cell lysate(40ug)

Lane4:Hela whole cell lysate(40ug)

Lane5:MCF-7 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of C/EBP ζ (D24) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

Note:

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

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