

AEBP2 polyclonal antibody

Catalog: BS70801

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Adipocyte enhancer-binding protein 2 (AEBP2), also known as zinc finger protein AEBP2, is an 817 amino acid member of the AEBP2 C2H2-type zinc-finger protein family. Localized to the nucleus, AEBP2 acts as a DNA-binding transcriptional repressor of the adipose P2 (aP2) gene. The aP2 gene, which encodes the adipose fatty acid-binding protein, plays a critical role in triglyceride metabolism during adipocyte differentiation. The AE-1 region in the proximal promoter region of the aP2 gene functions as either a positive or negative regulatory element. C/EBP α binds to the AE-1 sequence and functions as a transcriptional activator of aP2, whereas other proteins, such as AEBP2, bind to the region and repress gene expression.

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Molecular Weight:

~ 54 kDa

Swiss-Prot:

Q6ZN18

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 - 1:2000

IHC 1:50 - 1:200

IF 1:50 - 1:100

Storage&Stability:

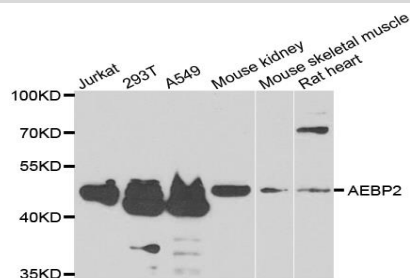
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

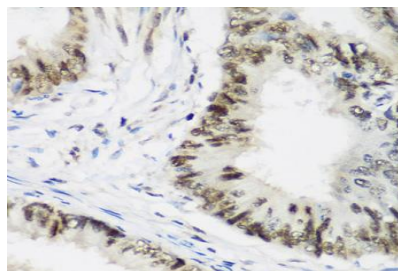
AEBP2 polyclonal antibody detects endogenous levels of

AEBP2 protein.

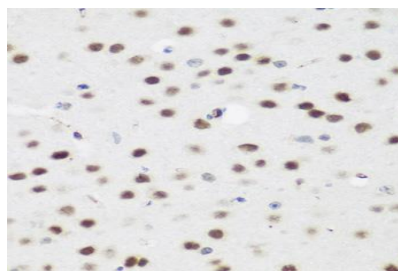
DATA:



Western blot analysis of extracts of various cell lines, using AEBP2 antibody.



Immunohistochemistry of paraffin-embedded human colon carcinoma using AEBP2 antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using AEBP2 antibody at dilution of 1:200 (40x lens).

Note:

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

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151