

CEBP Beta Rabbit mAb

Catalog No.: A29497 **Recombinant**

Basic Information

Observed MW

46 kDa(LAP)/48 kDa(Full Length)

Calculated MW

15 kDa/33 kDa/36 kDa

Category

Primary antibody

Applications

WB,IF/ICC,IHC-P,ELISA

Cross-Reactivity

Human

CloneNo number

ARC4239

Background

This intronless gene encodes a transcription factor that contains a basic leucine zipper (bZIP) domain. The encoded protein functions as a homodimer but can also form heterodimers with CCAAT/enhancer-binding proteins alpha, delta, and gamma. Activity of this protein is important in the regulation of genes involved in immune and inflammatory responses, among other processes. The use of alternative in-frame AUG start codons results in multiple protein isoforms, each with distinct biological functions.

Recommended Dilutions

WB 1:4000 - 1:15000

IF/ICC 1:400 - 1:800

IHC-P 1:600 - 1:2400

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. For high-ratio antibody dilutions (≥1:10000) a sequential dilution method is strongly recommended to ensure measurement accuracy.

Contact

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Immunogen Information

Gene ID

1051

Swiss Prot

P17676

Immunogen

This information is considered to be commercially sensitive.

Synonyms

TCF5; IL6DBP; NF-IL6; C/EBP-beta

Product Information

Source

Rabbit

Isotype

IgG

Purification

Affinity purification

Storage

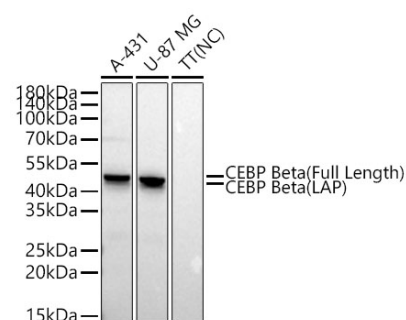
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

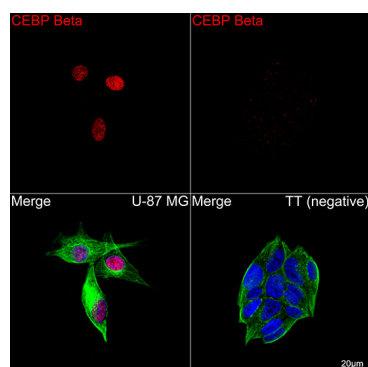


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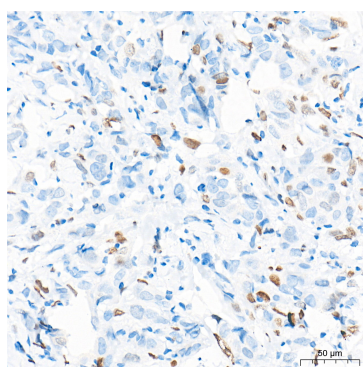
Validation Data



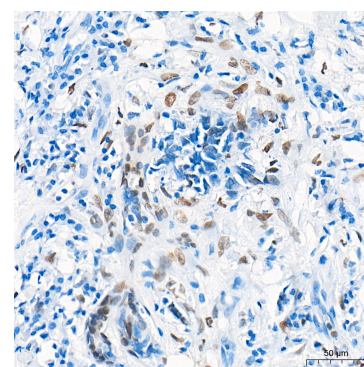
Western blot analysis of various lysates using CEBP Beta Rabbit mAb (A29497) at 1:8000 dilution incubated overnight at 4°C.
 Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
 Lysates/proteins: 25 µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Negative control (NC): TT.
 Exposure time: 45 s.



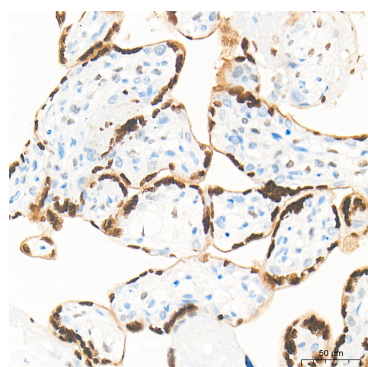
Confocal imaging of U-87 MG cells and TT cells (negative) using CEBP Beta Rabbit mAb (A29497, dilution 1:400) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) (AS037, dilution 1:800) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



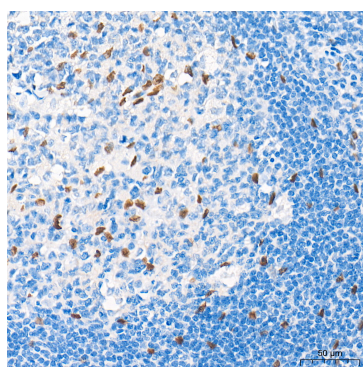
Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using CEBP Beta Rabbit mAb (A29497) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer tissue using CEBP Beta Rabbit mAb (A29497) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human placenta tissue using CEBP Beta Rabbit mAb (A29497) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using CEBP Beta Rabbit mAb (A29497) at a dilution of 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.