

TFEB Rabbit pAb

Catalog No.: A21657

Basic Information

Observed MW

65-70kDa

Calculated MW

52kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC, IHC-P

Cross-Reactivity

Human, Mouse, Rat

Background

Enables DNA-binding transcription factor activity; enzyme binding activity; and transcription cis-regulatory region binding activity. Involved in several processes, including cellular response to amino acid starvation; lysosome localization; and positive regulation of autophagy. Located in cytosol; lysosomal membrane; and nucleoplasm.

Recommended Dilutions

| | |
|---------------|----------------|
| WB | 1:500 - 1:1000 |
| IF/ICC | 1:50 - 1:200 |
| IHC-P | 1:50 - 1:200 |

Immunogen Information

Gene ID

7942

Swiss Prot

P19484

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 391-461 of human TFEB (NP_009093.1).

Synonyms

TCFEB; BHLHE35; ALPHATFEB; TFEB

Contact

| | |
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|  | cn.market@abclonal.com.cn |
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Product Information

Source

Rabbit

Isotype

IgG

Purification

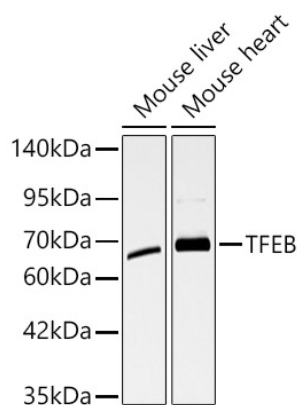
Affinity purification

Storage

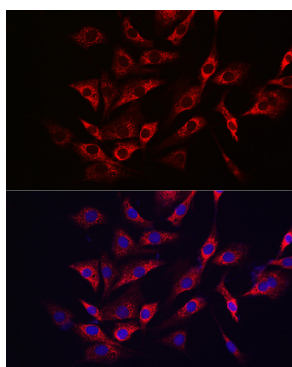
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

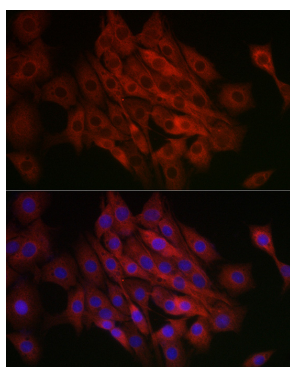
Validation Data



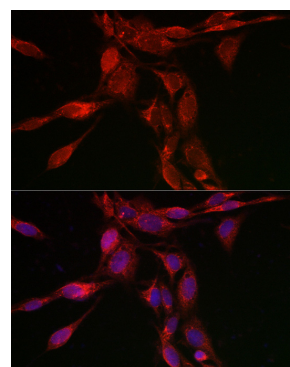
Western blot analysis of various lysates, using TFEB Rabbit pAb (A21657) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.



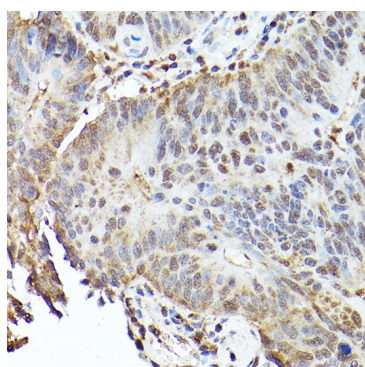
Immunofluorescence analysis of NIH/3T3 cells using TFEB Rabbit pAb (A21657) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



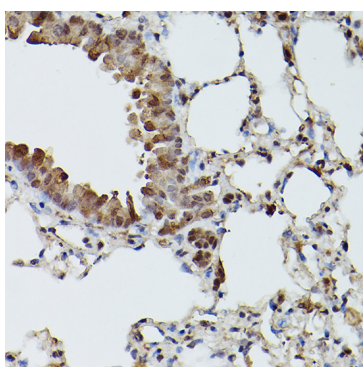
Immunofluorescence analysis of PC-12 cells using TFEB Rabbit pAb (A21657) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



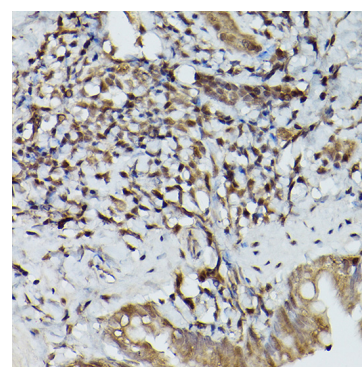
Immunofluorescence analysis of U2OS cells using TFEB Rabbit pAb (A21657) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma using TFEB Rabbit pAb (A21657) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded mouse lung using TFEB Rabbit pAb (A21657) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat lung using TFEB Rabbit pAb (A21657) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.