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TFEB Rabbit pAb

Catalog No.: A28482

Basic Information

Observed MW
65-70 kDa

Calculated MW
53 kDa

Category
Primary antibody

Applications
WB,IP,ELISA

Cross-Reactivity
Human, Mouse

Background

Enables DNA-binding transcription activator activity, RNA polymerase II-specific; RNA polymerase II cis-regulatory region sequence-specific DNA binding activity; and protein heterodimerization activity. Involved in several processes, including defense response to Gram-negative bacterium; embryonic placenta development; and positive regulation of transcription by RNA polymerase II. Acts upstream of or within lysosome organization. Located in cytoplasm. Part of transcription regulator complex. Colocalizes with nucleus. Is expressed in several structures, including cardiovascular system; central nervous system; early conceptus; genitourinary system; and gut gland. Orthologous to human TFEB (transcription factor EB).

Recommended Dilutions

WB	1:1000 - 1:5000
IP	0.5μg-4μg antibody for 200μg-400μg extracts of whole cells
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.

Immunogen Information

Gene ID
21425

Swiss Prot
Q9R210

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
Tcfeb; bHLHe35

Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

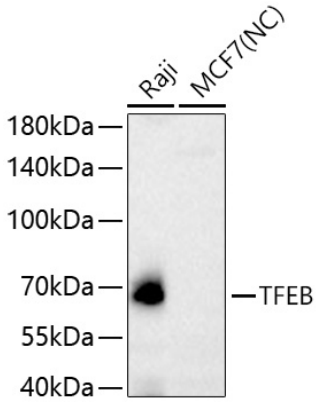
Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

Contact

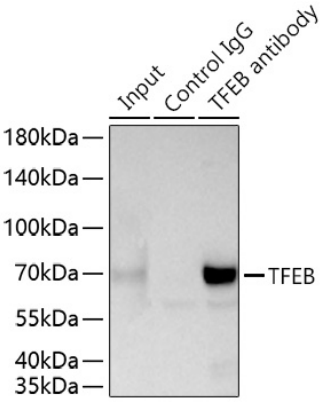
400-999-6126

cn.market@abclonal.com.cn

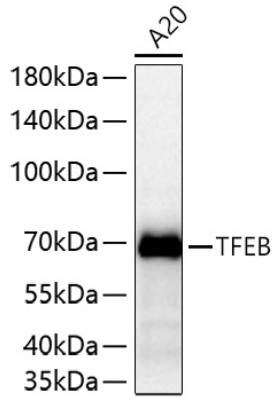
Validation Data



Western blot analysis of various lysates using TFEB Rabbit pAb (A28482) at 1:3000 dilution incubated overnight at 4℃.
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): MCF7.
Exposure time: 60 s.



Immunoprecipitation of TFEB from 300 µg extracts of Raji cells was performed using 2 µg of TFEB Rabbit pAb (A28482). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using TFEB Rabbit pAb (A28482) at a dilution of 1:3000.



Western blot analysis of lysates from A20 cells using TFEB Rabbit pAb (A28482) at 1:3000 dilution incubated overnight at 4℃.
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).
Exposure time: 45 s.