

TFEB Recombinant Rabbit mAb

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Catalog # AP94380

Product Information

Application	WB, IHC-P, IHC-F, IF
Reactivity	Human
Host	Rabbit
Clonality	Recombinant
Physical State	Liquid
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm. Nucleus. Note=Mainly present in the cytoplasm. Under aberrant lysosomal storage conditions, it translocates from the cytoplasm to the nucleus.
SIMILARITY	Belongs to the MiT/TFE family. Contains 1 basic helix-loop-helix (bHLH) domain.
SUBUNIT	Homodimer and heterodimer; with TFE3 or MITF.
Post-translational modifications	Sumoylated; does not affect dimerization with MITF.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Transcription factors of the basic helix-loop-helix zipper (bHLH-ZIP) family contain a basic domain, used for DNA binding, and HLH and ZIP domains, both used for oligomerization. TFEB was isolated from a human B-cell cDNA library using a binding sequence from the adenovirus major late promoter. This transcription factor probably binds to the USF/MLTF site and probably recognizes E-box sequences in the heavy-chain immunoglobulin enhancer.

Additional Information

Dilution	WB=1:500-1000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,Flow-Cyt=1:50-100
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Background

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immunoglobulin enhancer.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.