

Rabbit anti-Human TFEB Polyclonal Antibody | anti-TFEB antibody

TFEB Antibody

CATALOG # AAA39708	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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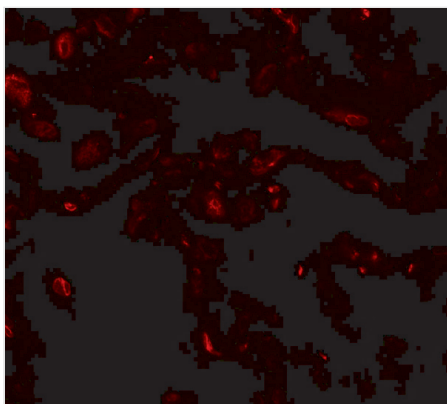
PRODUCT SYNONYMS

TFEB; Polyclonal Antibody; TFEB Antibody; TCFOB; BHLHE35; ALPHATFEB; Transcription factor EB; Class E basic helix-loop-helix protein 35; bHLHe35; transcription factor EB; anti-TFEB antibody

PRODUCT SPECIFICATIONS

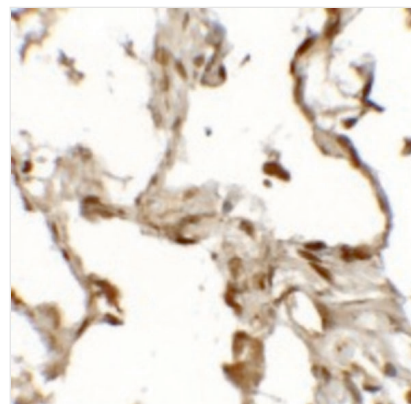
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	TFEB Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	476
Applicable Applications for anti-TFEB antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	TFEB antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human TFEB.
Buffer	TFEB Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Antibody can be stored at 4 degree C up to one year. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



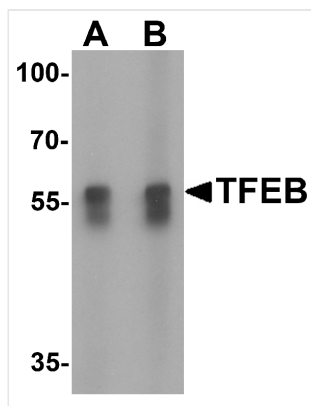
IF (Immunofluorescence)

Immunofluorescence of TFEB in human lung tissue with TFEB antibody at 20 μg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of TFEB (NT) in human lung tissue with TFEB (NT) antibody at 2.5 μg/mL.



WB (Western Blot)

Western blot analysis of TFEB in A549 cell lysate with TFEB antibody at (A) 1 and (B) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-TFEB antibody

TFEB Antibody: The Transcription factor EB (TFEB) is a member in the basic helix-loop-helix leucine zipper superfamily of transcription factors that is translocated in a subset of renal tumors. Recent studies have shown that lysosomal biogenesis is regulated by TFEB, which is in turn regulated by the mammalian target of rapamycin (mTOR) complex 1. Other evidence suggests that TFEB coordinates the major steps of the autophagic pathway by driving the expression of autophagy and lysosomal genes.

NCBI AND UNIPROT INFORMATION

NCBI GI #	24307933
NCBI GeneID	7942
NCBI Accession #	NP_009093
NCBI GenBank Nucleotide #	NM_007162.2
UniProt Accession #	P19484; Q709B3; Q7Z6P9; Q9BRJ5; Q9UJD8
Molecular Weight	43,803 Da
NCBI Official Full Name	transcription factor EB isoform 1
NCBI Official Synonym Full Names	transcription factor EB
NCBI Official Symbol	TFEB
NCBI Official Synonym Symbols	TCFEB; BHLHE35; ALPHATFEB
NCBI Protein Information	transcription factor EB; T-cell transcription factor EB; class E basic helix-loop-helix protein 35
UniProt Protein Name	Transcription factor EB
UniProt Gene Name	TFEB
UniProt Synonym Gene Names	BHLHE35; bHLHe35
UniProt Entry Name	TFEB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/tfeb-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/39708>