

Rabbit anti-Human Transcription factor EB Polyclonal Antibody | anti-TFEB antibody

Rabbit anti-human Transcription factor EB polyclonal Antibody(TFEB)

CATALOG # AAA118508	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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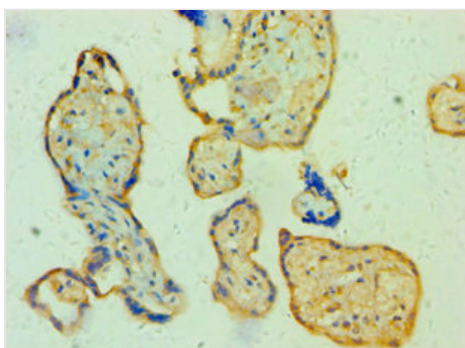
PRODUCT SYNONYMS

Transcription factor EB; Polyclonal Antibody; Rabbit anti-human Transcription factor EB polyclonal Antibody(TFEB); Class E basic helix-loop-helix protein 35; bHLHe35; TFEB; BHLHE35; anti-TFEB antibody

PRODUCT SPECIFICATIONS

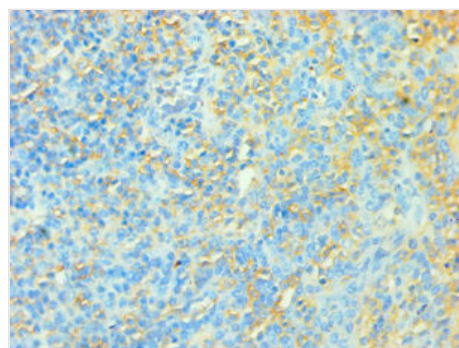
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	490
Applicable Applications for anti-TFEB antibody	IHC (Immunohistochemistry), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Transcription factor EB protein (1-220aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-11004 / sc-11005 / sc-48784
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta using AAA118508 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human tonsil using AAA118508 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-TFEB antibody	Transcription factor that specifically recognizes and binds E-box sequences (5'-CANNTG-3'). Efficient DNA-binding requires dimerization with itself or with another MiT/TFE family member such as TFE3 or MITF. In association with TFE3, activates the expression of CD40L in T-cells, thereby playing a role in T-cell-dependent antibody responses in activated CD4+ T-cells and thymus-dependent humoral immunity. Specifically recognizes and binds the CLEAR-box sequence (5'-GTCACGTGAC-3') present in the regulatory region of many lysosomal genes, leading to activate their expression. It thereby plays a central role in expression of lysosomal genes. Acts as a positive regulator of autophagy by promoting expression of genes involved in autophagy. Specifically recognizes the gamma-E3 box, a subset of E-boxes, present in the heavy-chain immunoglobulin enhancer. Plays a role in the signal transduction processes required for normal vascularization of the placenta.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	429836865
NCBI GeneID	7942
NCBI Accession #	NP_001161299.2
NCBI GenBank Nucleotide #	NM_001167827.2
UniProt Accession #	P19484; Q709B3; Q7Z6P9; Q9BRJ5; Q9UJD8
Molecular Weight	43,803 Da
NCBI Official Full Name	transcription factor EB isoform 2
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
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/transcription-factor-eb-antibody-immunohistochemistry-elisa/118508>