

anti-Human Transcription Factor EB Monoclonal Antibody | anti-EB antibody

Transcription Factor EB Rabbit mAb

CATALOG # AAA314578	HOST Recombinant Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

Transcription Factor EB; Monoclonal Antibody; Transcription Factor EB Rabbit mAb; TCFEB; BHLHE35; ALPHATFEB; anti-EB antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	S05-0D7
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-EB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human TFEB
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical of TFEB in Human lung cancer tissue using TFEB antibody at dilution 1/20



WB (Western Blot)

Western blot detection of TFEB in A549, HL-60 cell lysates using TFEB Rabbit mAb(1:1000 diluted). Predicted band size: 53kDa. Observed band size: 65-70kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-EB antibody	Transcription factor that acts as a master regulator of lysosomal biogenesis, autophagy, lysosomal exocytosis, lipid catabolism, energy metabolism and immune response (PubMed:21617040, PubMed:22576015, PubMed:22343943, PubMed:22692423, PubMed:30120233, PubMed:31672913)
Product Categories/Family for anti-EB antibody	Primary Antibody

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	52 KD
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; 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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/transcription-factor-eb-antibody-clone-s05-0d7-immunohistochemistry-western-blot-elisa/314578>