

**Product Name: Transcription Factor EB Rabbit
Monoclonal Antibody
Catalog #: AMRe03226**

Summary

Production Name	Transcription Factor EB Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-F,IHC-P,ICC/IF,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	TFEB
Alternative Names	TFEB; BHLHE35; Transcription factor EB; Class E basic helix-loop-helix protein 35; bHLHe35
Gene ID	7942
SwissProt ID	P19484

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20
Molecular Weight	Calculated MW: 53 kDa; Observed MW: 65-70 kDa

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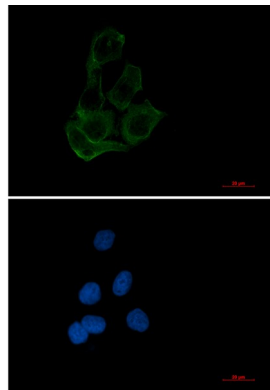
Background

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)

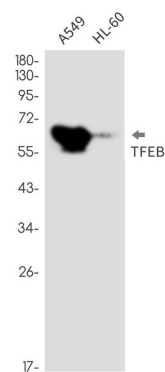
Research Area

Tags & Cell Markers

Image Data

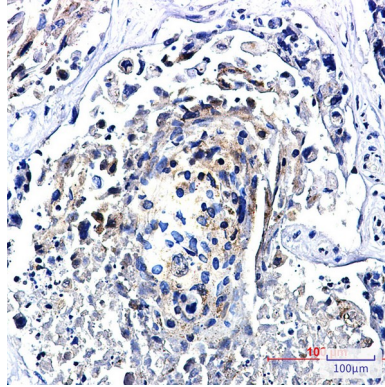


Immunocytochemistry analysis of Transcription Factor EB (green) in HeLa using Transcription Factor EB antibody, and DAPI (blue).



Western blot analysis of TFEB in A549, HL-60 lysates using TFEB antibody.

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Immunohistochemistry analysis of paraffin-embedded Human lung cancer tissue using TFEB antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.