antibodies -online.com







anti-TFEB antibody (N-Term)





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Quantity:	0.1 mg
Target:	TFEB
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TFEB antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	18 amino acid synthetic peptide near the amino terminus of Human TFEB
Isotype:	IgG
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	TFEB
Alternative Name:	TFEB (TFEB Products)
Background:	The Transcription factor EB (TFEB) is a member in the basic helix-loop-helix leucine zipper

Target Details

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.Synonyms: Transcription factor EB

Gene ID:

7942

NCBI Accession:

NP_009093

Application Details

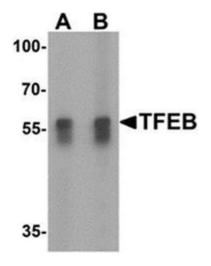
Application Notes:	Optimal working dilution should be determined by the investigator.

Restrictions:

For Research Use only

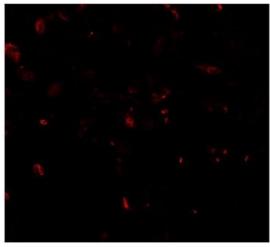
Handling

Concentration:	1.0 mg/mL
Buffer:	PBS containing 0.02 % Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



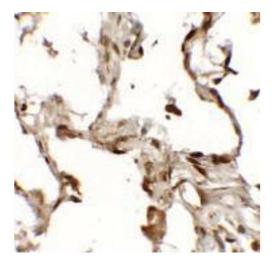
Western Blotting

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



Immunofluorescence

Image 2. Immunofluorescence of TFEB in human lung tissue with TFEB antibody at 20 μ g/mwith TFEB antibody at 2 μ g/ml



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of TFEB (NT) in human lung tissue with TFEB (NT) antibody at 2.5 ug/mL.