

Anti-ERAL1 Antibody (3T186)

Product Details

Ig Type:	hIgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	3T186
Purification:	Affinity-chromatography

Applications

Verified Activity:	IHC image of TMAH-00399 diluted at 1:200 and staining in paraffin-embedded human small intestine tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-human polymer IgG labeled by HRP and visualized using 0.05% DAB.
Application:	ELISA, IHC
Recommended	IHC:1:50-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human ERAL1 Protein
Antigen Species:	Human
Gene ID:	26284
Uniprot ID:	O75616
Synonyms:	HERA B;GTPase human homolog of E. coli essential cell cycle protein Era;H-ERA;ERAL1A;ERAW;ERA W;HERAB;CEGA;Eral1;ERA-like protein 1;hERA;HERA A;Era G protein like 1 (E. coli);GTP binding protein era homolog;Era (E. coli G protein homolog) like 1;Conserved ERA-like GTPase;GTPase Era;ERA;HERAA
Biology Area:	Signal transduction

Research Background

Probable GTPase that plays a role in the mitochondrial ribosomal small subunit assembly. Specifically binds the 12S mitochondrial rRNA (12S mt-rRNA) to a 33 nucleotide section delineating the 3' terminal stem-loop region. May act as a chaperone that protects the 12S mt-rRNA on the 28S mitoribosomal subunit during ribosomal small subunit assembly.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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