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Datasheet for ABIN7154612  
**anti-ERAL1 antibody (AA 271-382) (HRP)**

### Overview

Quantity:	100 µg
Target:	ERAL1
Binding Specificity:	AA 271-382
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERAL1 antibody is conjugated to HRP
Application:	ELISA

### Product Details

Immunogen:	Recombinant Human GTPase Era, mitochondrial protein (271-382AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

### Target Details

Target:	ERAL1
Alternative Name:	ERAL1 ( <a href="#">ERAL1 Products</a> )
Background:	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

## Target Details

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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.

Aliases: CEGA antibody, Conserved ERA like GTPase antibody, Conserved ERA-like GTPase antibody, ERA antibody, Era (E. coli G protein homolog) like 1 antibody, Era G protein like 1 (E. coli) antibody, Era G protein like 1 antibody, ERA W antibody, ERA-like protein 1 antibody, ERA-W antibody, Eral1 antibody, ERAL1\_HUMAN antibody, ERAL1A antibody, ERAW antibody, GTP binding protein era homolog antibody, GTPase Era antibody, GTPase Era, mitochondrial antibody, GTPase human homolog of E. coli essential cell cycle protein Era antibody, H-ERA antibody, HERA A antibody, hERA antibody, HERA B antibody, HERAA antibody, HERAB antibody, mitochondrial antibody

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UniProt: [O75616](#)

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Pathways: [Ribonucleoprotein Complex Subunit Organization](#), [Ribosome Assembly](#)

## Application Details

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

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.