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Datasheet for ABIN7453079
anti-ERAL1 antibody (AA 75-125)

Overview

Quantity:	100 µg
Target:	ERAL1
Binding Specificity:	AA 75-125
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ERAL1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit anti-ERAL1 Antibody, Affinity Purified
Immunogen:	Between AA 75 and 125
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	ERAL1
Alternative Name:	ERAL1 (ERAL1 Products)
Background:	Background: The protein GTPase Era, mitochondrial, is encoded by the gene ERAL1. GTPase Era binds to the 3' terminal stem loop of 12S mitochondrial rRNA and is required for proper

Target Details

assembly of the 28S small mitochondrial ribosomal subunit. Deletion of this gene has been shown to cause mitochondrial dysfunction, growth retardation, and apoptosis [taken from NCBI Entrez Gene (Gene ID: 26284)].

Gene ID: 26284

UniProt: [O75616](#)

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

Application Details

Application Notes: IP: Not recommended
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

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

Storage: 4 °C

Expiry Date: 12 months