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Product datasheet for TA366027S

GTP binding protein era homolog (ERAL1) Rabbit Polyclonal Antibody

Product data:

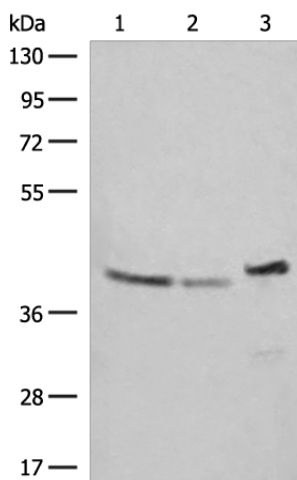|	
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: SKOV3, Hela and HepG2 cell lysates
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human ERAL1
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	48 kDa
Gene Name:	Era like 12S mitochondrial rRNA chaperone 1
Database Link:	Entrez Gene 26284 Human O75616
Background:	The protein encoded by this gene is a GTPase that localizes to the mitochondrion. The encoded protein binds to the 3' terminal stem loop of 12S mitochondrial rRNA and is required for proper assembly of the 28S small mitochondrial ribosomal subunit. Deletion of this gene has been shown to cause mitochondrial dysfunction, growth retardation, and apoptosis. Several transcript variants encoding different isoforms have been found for this gene.
Synonyms:	CEGA; ERA; ERA-W; ERAL1A; HERA; HERA-A; HERA-B

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Product images:

Gel: 8%SDS-PAGE
Lysate: 40 μg
Lane 1-3: SKOV3
Hela and HepG2 cell lysates
Primary antibody: [TA366027] (ERAL1 Antibody)
at dilution 1/500
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 5 seconds