

**DENR Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP20311c****Specification**

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**DENR Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O43583</a>
Other Accession	<a href="#">O9CQJ6</a> , <a href="#">O2HJ47</a>
Reactivity	Human
Predicted	Bovine, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	22092
Antigen Region	47-76

**DENR Antibody (Center) - Additional Information****Gene ID** 8562**Other Names**

Density-regulated protein, DRP, Protein DRP1, Smooth muscle cell-associated protein 3, SMAP-3, DENR, DRP1

**Target/Specificity**

This DENR antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 47-76 amino acids from the Central region of human DENR.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

DENR Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**DENR Antibody (Center) - Protein Information****Name** DENR

## Synonyms DRP1

**Function** May be involved in the translation of target mRNAs by scanning and recognition of the initiation codon. Involved in translation initiation; promotes recruitment of aminoacylated initiator tRNA to P site of 40S ribosomes. Can promote release of deacylated tRNA and mRNA from recycled 40S subunits following ABCE1-mediated dissociation of post-termination ribosomal complexes into subunits. Plays a role in the modulation of the translational profile of a subset of cancer-related mRNAs when recruited to the translational initiation complex by the oncogene MCTS1.

## Tissue Location

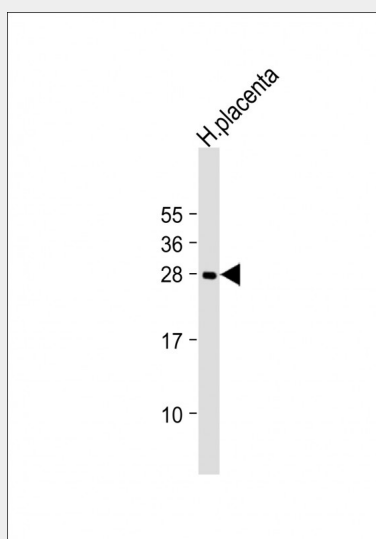
Highly expressed in heart and skeletal muscle and moderately expressed in the brain, placenta, liver and pancreas. Weakly expressed in the lung and kidney.

## DENR Antibody (Center) - Protocols

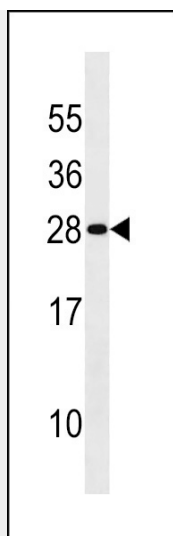
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## DENR Antibody (Center) - Images



Anti-DENR Antibody (Center) at 1:2000 dilution + human placenta lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 22 kDa Blocking/Dilution buffer: 5% NFDm/TBST.



DENR Antibody (Center) (Cat. #AP20311c) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the DENR antibody detected the DENR protein (arrow).

#### **DENR Antibody (Center) - Background**

May be involved in the translation of target mRNAs by scanning and recognition of the initiation codon. Plays a role in the modulation of the translational profile of a subset of cancer-related mRNAs when recruited to the translational initiation complex by the oncogene MCTS1.