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Datasheet for ABIN6991992

**anti-Density Regulated Protein antibody (AA 80-130)**

## Overview

Quantity:	0.1 mg
Target:	Density Regulated Protein (DENR)
Binding Specificity:	AA 80-130
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Density Regulated Protein antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

## Product Details

Immunogen:	DENR antibody was raised against an 18 amino acid peptide near the center of human DENR. The immunogen is located within amino acids 80 - 130 of DENR.
Isotype:	IgG
Specificity:	DENR antibody is human, mouse and rat reactive.
Purification:	DENR antibody is affinity chromatography purified via peptide column.

## Target Details

Target:	Density Regulated Protein (DENR)
Alternative Name:	DEN ( <a href="#">DENR Products</a> )

## Target Details

**Background:** DENR (density-regulated protein), also designated DRP or smooth muscle cell associated protein 3 (SMAP-3), is a 198 amino acid protein that may be involved in the translation of target mRNAs by scanning and recognition of the initiation codon (1). It 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 (2,3). DENR contains a SUI1 domain and is found in a variety of tissues with highest levels present in skeletal and cardiac muscle. It is up-regulated in ovarian and breast cancer cells by ERBB2 overexpression (4).

**Molecular Weight:** Predicted: 22 kDa

Observed: 22 kDa

**Gene ID:** 8562

**NCBI Accession:** [NP\\_003668](#)

**UniProt:** [O43583](#)

## Application Details

**Application Notes:** DENR antibody can be used for detection of DENR by Western blot at 1 - 2 µg/mL. Antibody can also be used for Immunohistochemistry at 5 µg/mL. For Immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples, Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested.

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** DENR Antibody is supplied in PBS containing 0.02 % 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:** -20 °C, 4 °C

## Handling

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Storage Comment: DENR antibody can be stored at 4°C for three months and -20°C, stable for up to one year.