

Datasheet for ABIN6139534

anti-Density Regulated Protein antibody (AA 1-198)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Density Regulated Protein (DENR)
Binding Specificity:	AA 1-198
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Density Regulated Protein antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-198 of human DENR (NP_003668.2).
Sequence:	MAADISESSG ADCKGDPRNS AKLDADYPLR VLYCGVCSLP TEYCEYMPDV AKCRQWLEKN FPNEFAKLTV ENSPKQEAGI SEGQGTAGEE EEKKKQKRGG RGQIKQKKKT VPQKVTIAKI PRAKKKYVTR VCGLATFEID LKEAQRFFAQ KFSCGASVTG EDEIIQGDF TDDIIDVIQE KWPEVDDDSI EDLGEVKK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

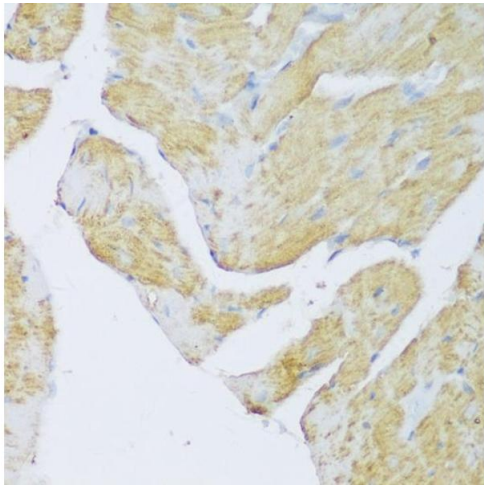
Target:	Density Regulated Protein (DENR)
Alternative Name:	DENR (DENR Products)
Background:	This gene encodes a protein whose expression was found to increase in cultured cells at high density but not during growth arrest. This gene was also shown to have increased expression in cells overexpressing HER-2/neu proto-oncogene. The protein contains an SUI1 domain. In budding yeast, SUI1 is a translation initiation factor that along with eIF-2 and the initiator tRNA-Met, directs the ribosome to the proper translation start site. Proteins similar to SUI have been found in mammals, insects, and plants.,DENR,DRP,DRP1,SMAP-3,Epigenetics & Nuclear Signaling,DENR
Molecular Weight:	22 kDa
Gene ID:	8562
UniProt:	O43583

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

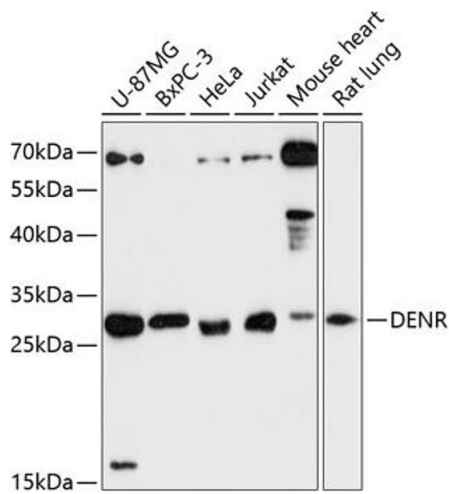
Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded rat heart using DENR antibody (ABIN6133498, ABIN6139534, ABIN6139535 and ABIN6217790) at dilution of 1:150 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using DENR antibody (ABIN6133498, ABIN6139534, ABIN6139535 and ABIN6217790) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 90s.