
Product Name: KD-Validated DENR Mouse Monoclonal Antibody**Catalog #: KVA01454**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:400-1:2,000
Molecular Weight	Calculated MW: 22.1kDa

Antigen Information

Gene Name	DENR
Alternative Names	DENR; Density Regulated Re-Initiation And Release Factor; SMAP-3; DRP1; DRP; Density-Regulated Protein; Smooth Muscle Cell Associated Protein-3; Smooth Muscle Cell-Associated Protein 3; Protein DRP1
Gene ID	8562.0
SwissProt ID	O43583
Immunogen	Recombinant protein of human DENR

Background

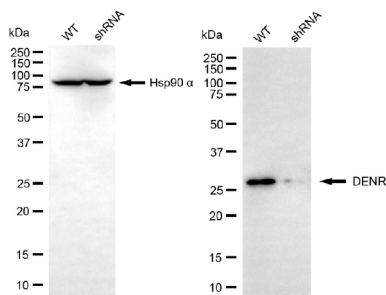
This gene encodes a protein whose expression was found to increase in cultured cells at high density but not during growth arrest. This gene was also shown to have increased expression in cells overexpressing HER-2/neu proto-oncogene. The protein

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. [provided by RefSeq, Jul 2008]

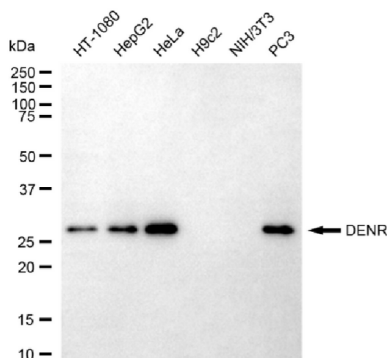
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blotting analysis using DENR antibody (KVA01454). DENR expression in wild-type (WT) and DENR shRNA knockdown (KD) HeLa cells with 40 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with DENR antibody (KVA01454, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using DENR antibody (KVA01454). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with DENR antibody (KVA01454, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.