

Anti-Density-regulated protein DENR Antibody

Catalog Number: A06362

About DENR

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).

Overview

Product Name	Anti-Density-regulated protein DENR Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Density-regulated protein DENR Antibody (Catalog # A06362). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	DENR Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	O43583

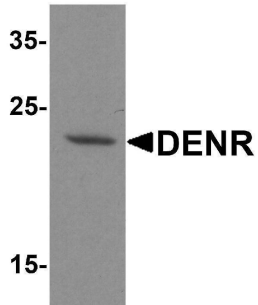
Technical Details

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.
Predicted Reactive Species	Bovine, Chicken
Cross Reactivity	DENR antibody is human, mouse and rat reactive.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	DENR antibody is affinity chromatography purified via peptide column.

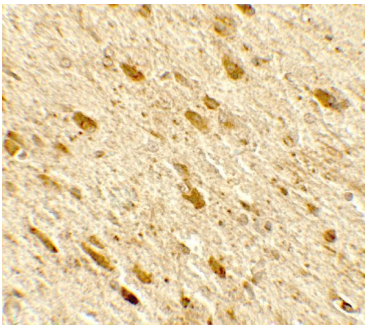
Suggested Dilutions

DENR antibody can be used for detection of DENR by Western blot at 1 - 2 ug/ml. Antibody can also be used for Immunohistochemistry at 5 ug/mL. For Immunoflorescence start at 20 ug/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. Optimal dilutions for each application should be determined by the researcher.

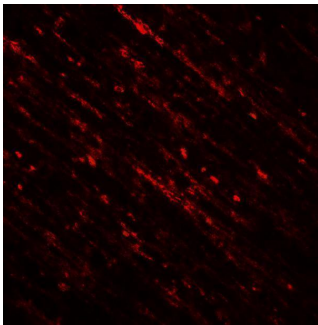
Anti-Density-regulated protein DENR Antibody (A06362) Images



Western blot analysis of DENR in human brain tissue lysate with DENR antibody at 1 ug/ml.



Immunohistochemistry of DENR in rat brain tissue with DENR antibody at 5 ug/mL.



Immunofluorescence of DENR in rat brain tissue with DENR antibody at 20 ug/mL.

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Anti-Density-regulated protein DENR Antibody

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