

Product datasheet for **TA349040**

Density Regulated Protein (DENR) Rabbit Polyclonal Antibody

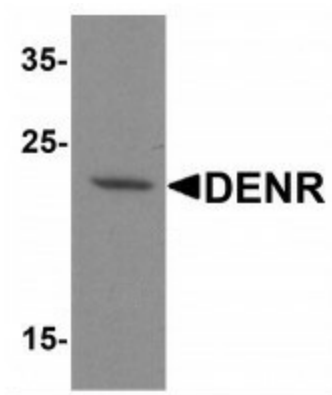
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, IHC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	DENR antibody was raised against an 18 amino acid peptide near the center of human DENR.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	DENR antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 22 kDa; Observed: 22 kDa
Gene Name:	density-regulated protein
Database Link:	NP_003668 Entrez Gene 8562 Human O43583
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).
Synonyms:	HSST2; NST2

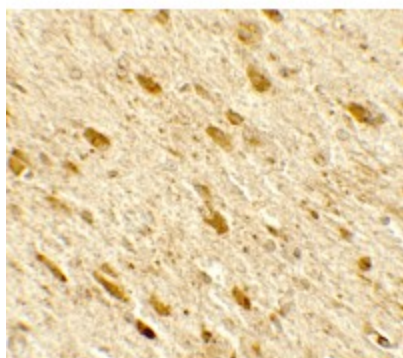


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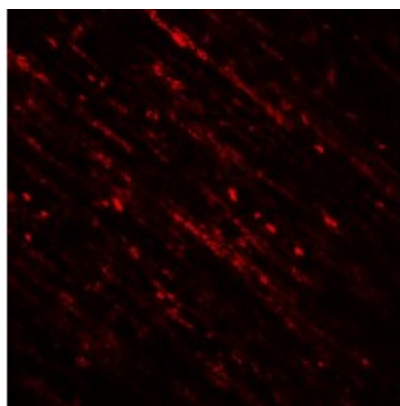
Product images:



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.