

Product datasheet for **TA385295M**

SNRPD3 Rabbit Monoclonal Antibody [Clone ID: R09-8I7]

Product data:

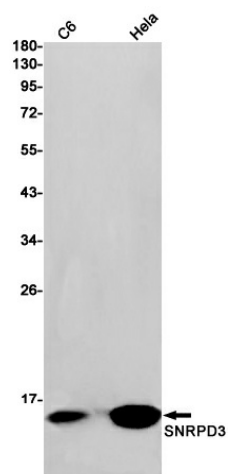
Product Type:	Primary Antibodies
Clone Name:	R09-8I7
Applications:	WB
Recommended Dilution:	WB: 1/1000-1/2000
Reactivity:	Human, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	A synthetic peptide of human SNRPD3
Formulation:	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	Calculated MW: 14 kDa; Observed MW: 14 kDa
Gene Name:	small nuclear ribonucleoprotein D3 polypeptide
Database Link:	Entrez Gene 6634 Human P62318
Background:	Swiss-Prot Acc.P62318.Plays role in pre-mRNA splicing as core component of the SMN-Sm complex that mediates spliceosomal snRNP assembly and as component of the spliceosomal U1, U2, U4 and U5 small nuclear ribonucleoproteins (snRNPs), the building blocks of the spliceosome (PubMed:11991638, PubMed:18984161, PubMed:19325628, PubMed:25555158, PubMed:26912367, PubMed:28502770, PubMed:28781166, PubMed:28076346). Component of both the pre-catalytic spliceosome B complex and activated spliceosome C complexes (PubMed:11991638, PubMed:28502770, PubMed:28781166, PubMed:28076346). Is also a component of the minor U12 spliceosome (PubMed:15146077). As part of the U7 snRNP it is involved in histone pre-mRNA 3'-end processing .



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Synonyms: OTTHUMP00000198382; Sm-D3; SMD3

Product images:



Western blot analysis of SNRPD3 in C6, HeLa lysates using SNRPD3 antibody.