OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA337878

HGSNAT Rabbit Polyclonal Antibody

Product data:

|	
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-HGSNAT antibody is: synthetic peptide directed towards the C-terminal region of Human HGSNAT. Synthetic peptide located within the following region: VKGLWTGTPFFYPGMNSILVYVGHEVFENYFPFQWKLKDNQSHKEHLTQN
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	2 kDa
Gene Name:	heparan-alpha-glucosaminide N-acetyltransferase
Database Link:	NP_689632 Entrez Gene 138050 Human Q68CP4
Background:	This gene encodes a lysosomal acetyltransferase, which is one of several enzymes involved in the lysosomal degradation of heparin sulfate. Mutations in this gene are associated with Sanfilippo syndrome C, one type of the lysosomal storage disease mucopolysaccaridosis III, which results from impaired degradation of heparan sulfate.
Synonyms:	HGNAT; MPS3C; TMEM76

Note: Immunogen Sequence Homology: Human: 100%; Dog: 93%; Pig: 93%; Guinea pig: 93%; Rat: 86%; Mouse: 86%; Bovine: 86%; Rabbit: 86%; Horse: 79%

Protein Families: Transmembrane

Protein Pathways: Glycosaminoglycan degradation, Lysosome, Metabolic pathways

Product images:
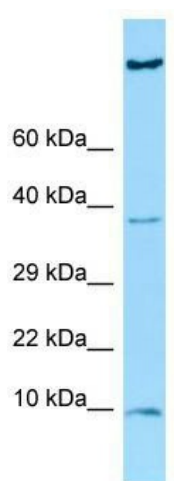
WB Suggested Anti-HGSNAT Antibody; Titration: 1.0 ug/ml; Positive Control: OVCAR-3 Whole Cell HGSNAT is supported by BioGPS gene expression data to be expressed in OVCAR3