ASNS Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ASNS, Polyclonal Antibody
Full Product Name	ASNS rabbit pAb
Product Gene Name	anti-ASNS antibody
Product Synonym Gene Name	TS11
Product Synonym Names	Asparagine synthetase [glutamine-hydrolyzing] (EC 6.3.5.4)(Cell cycle control protein TS11)(Glutamine-dependent asparagine synthetase)
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.84% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Preparation and Storage	Store at -20 degree C for ~1 year
Molecular Weight	64370 MW
OMIM	M27396 mRNA
3D Structure	ModBase 3D Structure for P08243
Product Categories/Family for anti-ASNS antibody	Primary Antibody
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ASNS antibody	Western Blot (WB)
Application Notes for anti-ASNS antibody	WB: 1:500-2000
Related Product Information for anti-ASNS antibody	The protein encoded by this gene is involved in the synthesis of asparagine. This gene complements a mutation in the temperature-sensitive hamster mutant ts11, which blocks progression through the G1 phase of the cell cycle at nonpermissive temperature. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, May 2010]
Other Notes	Small volumes of anti-ASNS antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ASNS purchase	MBS8597610 is an antibody targeting ASNS. Also known as ASNS rabbit pAb. Reactive in Human, Mouse, Rat. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ASNS. It may not necessarily be applicable to this product.

NCBI GI #	296010848
NCBI GeneID	440

NCBI Accession #	NP_001171546.1
UniProt Primary Accession #	P08243
UniProt Secondary Accession #	P08184; Q15666; Q549T9; Q96HD0; A4D1I8; B4DXZ1; B7ZAA9; D6W5R3; E9PCI3; E9PCX6
UniProt Related Accession #	P08243
GenBank Nucleotide #	NM_001178075.1
NCBI Official Full Name	asparagine synthetase
NCBI Official Synonym Full Names	asparagine synthetase (glutamine-hydrolyzing)
NCBI Official Symbol	ASNS
NCBI Official Synonym Symbols	TS11; ASNSD
UniProt Protein Name	Asparagine synthetase [glutamine-hydrolyzing]
UniProt Synonym Protein Names	Cell cycle control protein TS11; Glutamine-dependent asparagine synthetase
Protein Family	Asparagine--tRNA ligase
UniProt Gene Name	ASNS
UniProt Synonym Gene Names	TS11
NCBI Protein Information	asparagine synthetase [glutamine-hydrolyzing]
Research Articles on ASNS	**1.** our study demonstrated that ASNS had an important role in the growth of human lung cancer cells by inhibiting the proliferation and arresting cell cycle of lung cancer cells
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-rat-antibody/asns/8597610