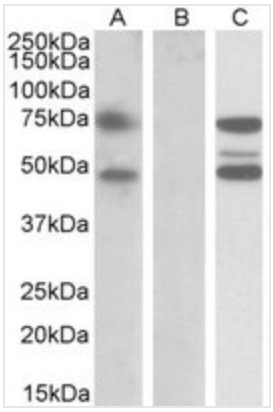
ASNSD1 Antibody – Goat Polyclonal

PRODUCT OVERVIEW

Product Name	ASNSD1, Polyclonal Antibody
Full Product Name	Goat anti-ASNSD1 Antibody
Product Gene Name	anti-ASNSD1 antibody
Product Synonym Names	ASNSD1; asparagine synthetase domain containing 1; FLJ20752; NBLA00058; NS3TP1; HCV NS3-transactivated protein 1; asparagine synthetase domain containing 1 antibody; FLJ20752 antibody; HCV NS3-transactivated protein 1 antibody; NBLA00058 antibody; NS3TP1 antibody; ASNSD1 antibody
Immunogen Sequence	PNKHVSVPDR
Clonality	Polyclonal
Host	Goat
Species Reactivity	Tested: Human; Expected from sequence similarity: Human
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0. 02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Concentration	100ug specific antibody in 200ul (lot specific)
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.
Antibody/Peptide Pairs	ASNSD1 peptide (MBS427495) is used for blocking the activity of ASNSD1 antibody (MBS422592)
Molecular Weight	72,080 Da
Immunogen	Peptide with sequence C-PNKHVSVPDR, from the internal region of the protein sequence according to NP_061921.1.
Epitope	Internal region
ISO Certification	Manufactured in an ISO 9001:2008 Certified Laboratory.
Applications Tested/Suitable for anti-ASNSD1 antibody	Peptide ELISA (EIA), Western Blot (WB-Trf)
Application Notes for anti-ASNSD1 antibody	Peptide ELISA: Antibody detection limit dilution 1: 16000. Western Blot: In transfected HEK293 transiently expressing full-length Human ASNSD1 (myc and DYKDDDDK tagged), a band of approx.75kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-myc tag antibody. Recommended concentration, 1-2ug/ml.
Related Product Information for anti-ASNSD1 antibody	MBS422592 is an antibody targeting ASNSD1. Also known as Goat anti-ASNSD1 Antibody. Reactive in Tested: Human; Expected from sequence similarity: Human. Host: Goat.
Other Notes	Small volumes of anti-ASNSD1 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.



Western Blot (WB) of anti-ASNSD1 antibody
HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human ASNSD1 with DYKDDDDK tag probed with (1ug/ml) in Lane A and probed with anti-DYKDDDDK Tag (1/10000) in lane C. Mock-transfected HEK293 probed with (1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ASNSD1. It may not necessarily be applicable to this product.

NCBI GI #	9506697
NCBI GeneID	54529
NCBI Accession #	NP_061921.1
UniProt Secondary Accession #	Q3LIC3; Q4ZG45; D3DPH6
UniProt Related Accession #	Q9NWL6
GenBank Nucleotide #	NM_019048.2
NCBI Official Full Name	asparagine synthetase domain-containing protein 1
NCBI Official Synonym Full Names	asparagine synthetase domain containing 1
NCBI Official Symbol	ASNSD1
NCBI Official Synonym Symbols	NS3TP1; NBLA00058
UniProt Protein Name	Asparagine synthetase domain-containing protein 1
UniProt Synonym Protein Names	HCV NS3-transactivated protein 1
Protein Family	Asparagine synthetase domain-containing protein
UniProt Gene Name	ASNSD1
UniProt Synonym Gene Names	NS3TP1
UniProt Entry Name	ASND1_HUMAN
NCBI Protein Information	asparagine synthetase domain-containing protein 1
UniProt Comments for ASNSD1	ASNSD1: Chromosomal Location of Human Ortholog: 2p24.3-q21.3 Cellular Component: cytosol Molecular Function: asparagine synthase (glutamine-hydrolyzing) activity; protein homodimerization activity Biological Process: asparagine biosynthetic process; glutamine metabolic process

Research Articles on ASNSD1	**1.** Normal human HL-7702 hepatocytes can efficiently express specific HCV NS3 protein in vitro.
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