

Rabbit ASNS Polyclonal Antibody | anti-ASNS antibody

ASNS antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201001	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat	Western Blot

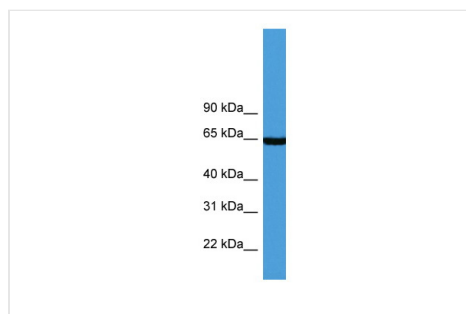
PRODUCT SYNONYMS

ASNS; Polyclonal Antibody; ASNS antibody - C-terminal region; anti-ASNS antibody

PRODUCT SPECIFICATIONS

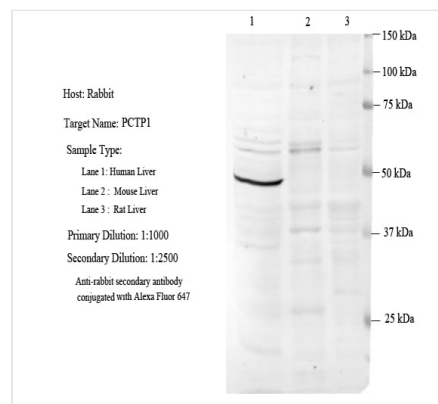
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SV VIFSGEGSDE LTQGYIYFHK APSPEKAEER SERLLRELYL FDVLRADR
Sequence Length	561
Applicable Applications for anti-ASNS antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human ASNS
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-ASNS Antibody Titration: 0.2-1 ug/mL
 ELISA Titer: 1:312500
 Positive Control: Human Lung



WB (Western Blot)

Host: Rabbit
 Target Name: ASNS
 Sample Type: Lane 1: 40 ug Human Liver lysate, Lane 2: 40 ug Mouse Liver lysate, Lane 3: 40 ug Rat Liver lysate
 Primary Antibody Dilution: 1:1000
 Secondary Antibody Dilution: 1:2500
 Submitted by: Hua Jiang, University of Colorado
 Anti-rabbit secondary antibody conjugated with Alexa Fluor 647

ADDITIONAL INFORMATION

Related Product Information for anti-ASNS antibody	This is a rabbit polyclonal antibody against ASNS. It was validated on Western Blot Target Description: ASNS is involved in the synthesis of asparagine. ASNS 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.
Product Categories/Family for anti-ASNS antibody	Polyclonal; Transcription Factor; Drugs and Drug Metabolism; Cell Biology; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	168229250
NCBI GeneID	440
NCBI Accession #	NP_001664
NCBI GenBank Nucleotide #	NM_001673
UniProt Accession #	P08243
Molecular Weight	64kDa
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
NCBI Protein Information	asparagine synthetase [glutamine-hydrolyzing]
UniProt Protein Name	Asparagine synthetase [glutamine-hydrolyzing]
UniProt Gene Name	ASNS
UniProt Synonym Gene Names	TS11

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.