

Rabbit ASNS Polyclonal Antibody | anti-ASNS antibody

ASNS Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327099	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

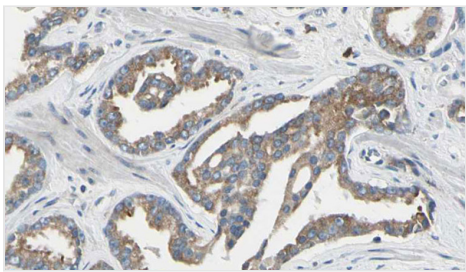
PRODUCT SYNONYMS

ASNS; Polyclonal Antibody; ASNS Antibody; asnS; ASNS_HUMAN; ASNSD; Asparagine synthetase [glutamine-hydrolyzing]; Asparagine synthetase; Cell cycle control protein TS11; Glutamine dependent asparagine synthetase 3; Glutamine dependent asparagine synthetase; Glutamine hydrolyzing; Glutamine-dependent asparagine synthetase; OTTHUMP00000024510; OTTHUMP000000204938; OTTHUMP000000204939; OTTHUMP000000204940; OTTHUMP000000204941; OTTHUMP000000204942; TS11; TS11 cell cycle control protein; anti-ASNS antibody

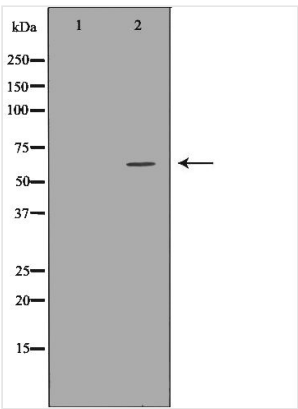
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ASNS antibody detects endogenous levels of total ASNS
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	540
Applicable Applications for anti-ASNS antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ASNS
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327099 at 1/100 staining Human prostate tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of K562 whole cell lysates, using ASNS Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ASNS antibody	Description: 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. Function: ATP + L-aspartate + L-glutamine + H2O = AMP + diphosphate + L-asparagine + L-glutamate.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	296010848
NCBI GeneID	440
NCBI Accession #	NP_001171546.1
NCBI GenBank Nucleotide #	NM_001178075.1
UniProt Accession #	P08243; P08184; Q15666; Q549T9; Q96HD0; A4D1I8; B4DXZ1; B7ZAA9; D6W5R3; E9PCI3; E9PCX6
Molecular Weight	Observed: 64 kDa Predicted: 65 kDa
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.