

Rabbit Asparagine Synthetase Polyclonal Antibody | anti-ASNS antibody

Anti-Asparagine Synthetase Antibody

CATALOG # AAA262082	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunocytochemistry, Immunofluorescence, Western Blot
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PRODUCT SYNONYMS

Asparagine Synthetase; Polyclonal Antibody; Anti-Asparagine Synthetase Antibody; TS11; Asparagine synthetase [glutamine-hydrolyzing]; Cell cycle control protein TS11; Glutamine-dependent asparagine synthetase; anti-ASNS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Asparagine Synthetase protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	478
Applicable Applications for anti-ASNS antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant full length protein of human Asparagine Synthetase
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of Asparagine Synthetase staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of Asparagine Synthetase expression in MCF7 (A), K562 (B), mouse testis (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-ASNS antibody	Rabbit polyclonal antibody to Asparagine Synthetase
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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	54,818 Da
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
UniProt Entry Name	ASNS_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/asparagine-synthetase-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/262082>