

## 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 |

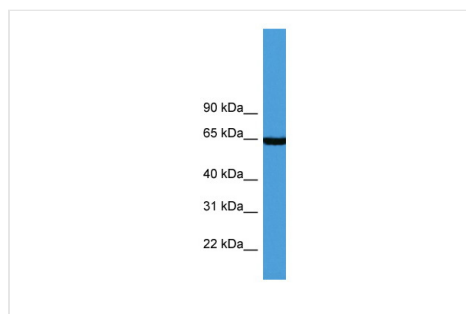
### PRODUCT SYNONYMS

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. |

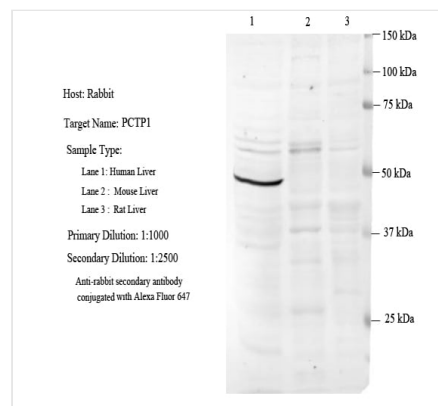
### IMAGES



#### 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: Anti-rabbit secondary antibody conjugated with Alexa Fluor 647 Secondary Antibody Dilution: 1:2500 Submitted by: Hua Jiang, University of Colorado.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ASNS antibody | <p>This is a rabbit polyclonal antibody against ASNS. It was validated on Western Blot</p> <p>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.</p> |
| 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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/asns-antibody-western-blot-elisa/201001>