

Datasheet for ABIN6942138

**anti-Asparagine Synthetase antibody (AA 1-100) (Biotin)**[Go to Product page](#)

## Overview

|                      |                                                                                                                        |
|----------------------|------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                 |
| Target:              | Asparagine Synthetase (ASNS)                                                                                           |
| Binding Specificity: | AA 1-100                                                                                                               |
| Reactivity:          | Mouse, Rat                                                                                                             |
| Host:                | Rabbit                                                                                                                 |
| Clonality:           | Polyclonal                                                                                                             |
| Conjugate:           | This Asparagine Synthetase antibody is conjugated to Biotin                                                            |
| Application:         | ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

## Product Details

|                       |                                                                           |
|-----------------------|---------------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic peptide derived from human Asparagine synthetase |
| Isotype:              | IgG                                                                       |
| Cross-Reactivity:     | Mouse, Rat                                                                |
| Predicted Reactivity: | Human,Dog,Cow,Pig,Horse,Rabbit                                            |
| Purification:         | Purified by Protein A.                                                    |

## Target Details

|                   |                                                         |
|-------------------|---------------------------------------------------------|
| Target:           | Asparagine Synthetase (ASNS)                            |
| Alternative Name: | Asparagine synthetase ( <a href="#">ASNS Products</a> ) |

## Target Details

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | <p>Synonyms: asnS, ASNS_HUMAN, ASNSD, Asparagine synthetase [glutamine-hydrolyzing], Cell cycle control protein TS11, Glutamine dependent asparagine synthetase 3, Glutamine dependent asparagine synthetase, Glutamine hydrolyzing, Glutamine-dependent asparagine synthetase, OTTHUMP00000024510, OTTHUMP00000204938, OTTHUMP00000204939, OTTHUMP00000204940, OTTHUMP00000204941, OTTHUMP00000204942, TS11, TS11 cell cycle control protein.</p> <p>Background: 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. [provided by RefSeq, May 2010]</p> |
| Gene ID:    | 440                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| UniProt:    | <a href="#">P08243</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Pathways:   | <a href="#">ER-Nucleus Signaling</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

## Application Details

|                    |                                    |
|--------------------|------------------------------------|
| Application Notes: | IHC-P 1:200-400<br>IHC-F 1:100-500 |
| Restrictions:      | For Research Use only              |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C for 12 months.                                                                                      |
| Expiry Date:       | 12 months                                                                                                          |