

Datasheet for ABIN7441094

anti-Asparagine Synthetase antibody (AA 213-561)**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Asparagine Synthetase (ASNS)
Binding Specificity:	AA 213-561
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Asparagine Synthetase antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Asparagine Synthetase (ASNS)
Immunogen:	Recombinant Asparagine Synthetase (ASNS) corresponding to His213~Ala561
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against ASNS. It has been selected for its ability to recognize ASNS in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	Asparagine Synthetase (ASNS)
Alternative Name:	Asparagine Synthetase (ASNS Products)
Background:	Aspartate-Ammonia Ligase, Asparagine synthetase [glutamine-hydrolyzing], Cell cycle control protein TS11, Glutamine-dependent asparagine synthetase
Pathways:	ER-Nucleus Signaling

Application Details

Application Notes:	Western blotting: 0.2-2 µg/mL 1:250-2500 Immunohistochemistry: 5-20 µg/mL 1:25-100 Immunocytochemistry: 5-20 µg/mL 1:25-100 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

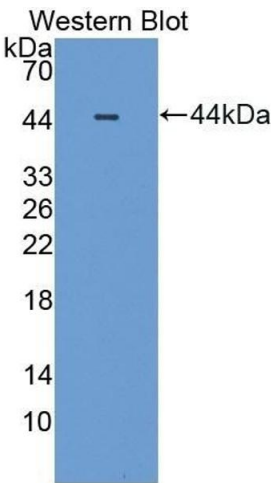
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



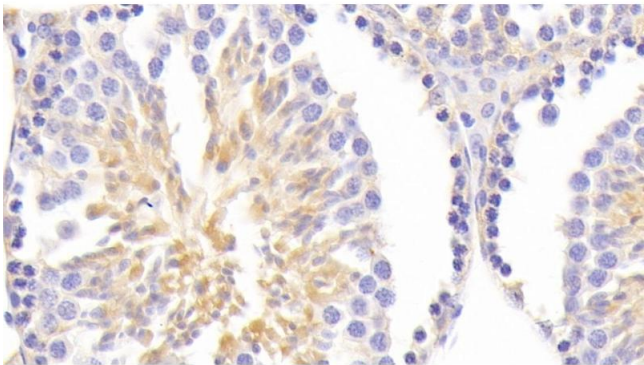
Western Blotting

Image 1. Detection of ASNS in Human K562 cell lysate using Polyclonal Antibody to Asparagine Synthetase (ASNS)



Western Blotting

Image 2. Detection of Recombinant ASNS, Human using Polyclonal Antibody to Asparagine Synthetase (ASNS)



Immunohistochemistry

Image 3. Detection of ASNS in Mouse Testis Tissue using Polyclonal Antibody to Asparagine Synthetase (ASNS)