

**Product Name: Asparagine Synthetase Rabbit  
Monoclonal Antibody  
Catalog #: AMRe01444**

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## Summary

<b>Production Name</b>	Asparagine Synthetase Rabbit Monoclonal Antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-P
<b>Reactivity</b>	Human,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	ASNS
<b>Alternative Names</b>	TS11; ASNSD; ASNS; Asparagine synthetase [glutamine-hydrolyzing]
<b>Gene ID</b>	440
<b>SwissProt ID</b>	P08243

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IHC: 1/50-1/100
<b>Molecular Weight</b>	Calculated MW: 64 kDa; Observed MW: 64 kDa

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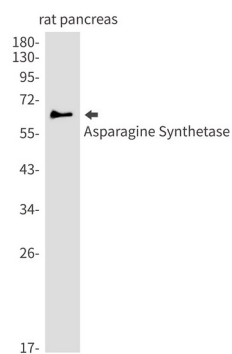
## Background

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.

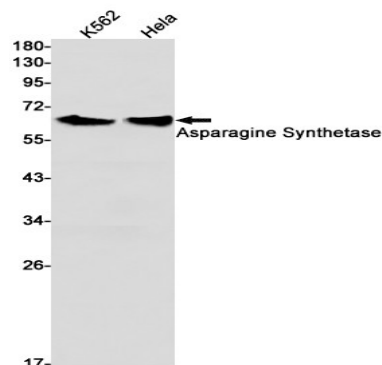
## Research Area

Signal Transduction

## Image Data



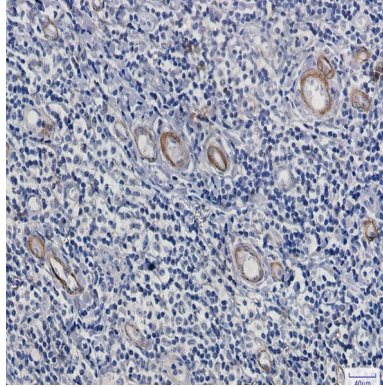
Western blot analysis of Asparagine Synthetase in rat pancreas lysates using Asparagine Synthetase antibody.



Western blot analysis of Asparagine Synthetase in K562, HeLa lysates using Asparagine Synthetase antibody.

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Immunohistochemistry analysis of paraffin-embedded Human tonsil using Asparagine synthetase antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

**Note**

For research use only.