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**Product Name: Asparagine Synthetase Rabbit Monoclonal Antibody****Catalog #: AMRe85138**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC
<b>Reactivity</b>	Human,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.62mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**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

**Antigen Information**

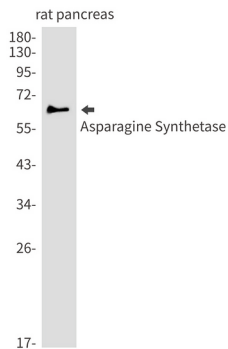
<b>Gene Name</b>	Asparagine Synthetase
<b>Alternative Names</b>	TS11; ASNSD; ASNS; Asparagine synthetase [glutamine-hydrolyzing]
<b>Gene ID</b>	440.0
<b>SwissProt ID</b>	P08243
<b>Immunogen</b>	A synthetic peptide of human Asparagine synthetase

**Background**

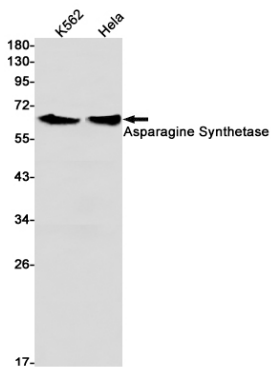
The protein encoded by this gene is involved in the synthesis of asparagine. This gene complements a mutation in the temperature-sensitive hamster mutant ts11, which blocks progression through the G1 phase of the cell cycle at nonpermissive temperature. Alternatively spliced transcript variants have been described for this gene.

## Research Area

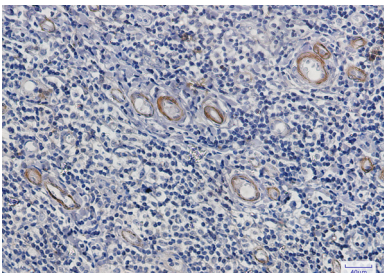
## Image Data



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.



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.