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**Product Name: Asparagine Synthetase Rabbit Polyclonal Antibody****Catalog #: APRab00087**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<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>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Purification</b>	Affinity Chromatography

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200
<b>Molecular Weight</b>	Calculated MW: 64 kDa; Observed MW: 61 kDa

**Antigen Information**

<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
<b>Immunogen</b>	A synthetic peptide of human Asparagine synthetase

**Background**

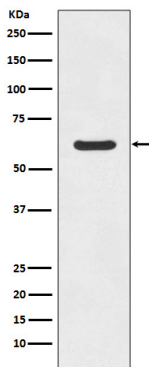
The protein encoded by this gene is involved in the synthesis of asparagine. This gene complements a mutation in the temperature-sensitive hamster mutant ts11, which blocks progression through the G1 phase of the cell cycle at nonpermissive

temperature. Alternatively spliced transcript variants have been described for this gene.

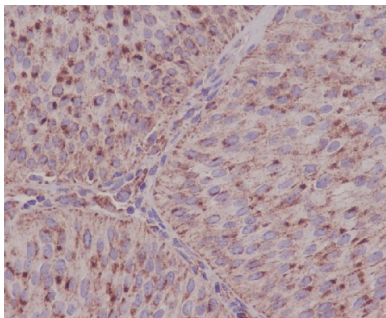
## Research Area

Signal Transduction

## Image Data



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



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