



# ASNS rabbit pAb

<b>Catalog No</b>	BYab-07970
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human; Mouse;Rat
<b>Applications</b>	WB
<b>Gene Name</b>	ASNS TS11
<b>Protein Name</b>	ASNS
<b>Immunogen</b>	Synthesized peptide derived from human ASNS AA range: 390-440
<b>Specificity</b>	This antibody detects endogenous levels of ASNS at Human/Mouse/Rat
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.84% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	Asparagine synthetase [glutamine-hydrolyzing] (EC 6.3.5.4) (Cell cycle control protein TS11) (Glutamine-dependent asparagine synthetase)
<b>Observed Band</b>	60kD
<b>Cell Pathway</b>	cytosol,
<b>Tissue Specificity</b>	Muscle,
<b>Function</b>	catalytic activity:ATP + L-aspartate + L-glutamine + H(2)O = AMP + diphosphate + L-asparagine + L-glutamate.,pathway:Amino-acid biosynthesis; L-asparagine biosynthesis; L-asparagine from L-aspartate (L-glutamine route): step 1/1.,similarity:Contains 1 asparagine synthetase domain.,similarity:Contains 1 glutamine amidotransferase type-2 domain.,
<b>Background</b>	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],

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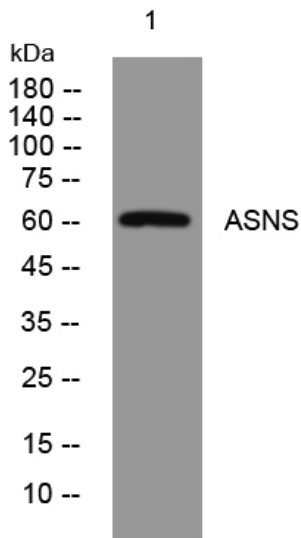
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western blot analysis of lysates from AD293 cells, primary antibody was diluted at 1:1000, 4° over night