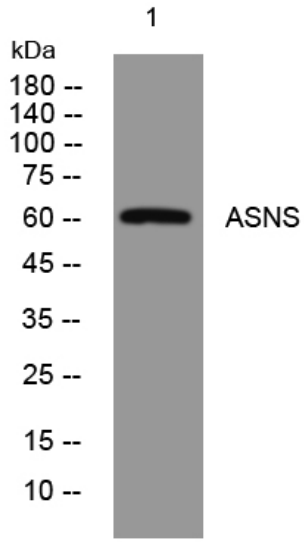
ASNS rabbit pAb

Catalog No	YP-Ab-07970
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	ASNS TS11
Immunogen	Synthesized peptide derived from human ASNS AA range: 390-440
Specificity	This antibody detects endogenous levels of ASNS at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.84% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Asparagine synthetase [glutamine-hydrolyzing];EC:6.3.5.4;Glutamine-dependent asparagine synthetase;TS11;ASNS;ASNS TS11;Asparagine synthetase [glutamine-hydrolyzing] (EC 6.3.5.4) (Cell cycle control protein TS11) (Glutamine-dependent asparagine synthetase)
Observed Band	60kD
Calculated Molecular Weight	60kD
Cell Pathway	cytosol,
Tissue Specificity	Muscle,
Function	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.,
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. [provided by RefSeq, May 2010],
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