

## ASNS polyclonal antibody

Catalog: BS90095

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Glutamine-hydrolyzing asparagine synthetase is also commonly designated cell cycle control protein TS11. Asparagine synthetase plays an important role in the amino-acid biosynthesis pathway and is also important for L-asparagine biosynthesis. Via the L-glutamine route, it is involved in the synthesis of L-asparagine from L-aspartate. The protein contains one asparagine synthetase domain and one type-2 glutamine amidotransferase domain. The cell-cycle regulated gene encoding for asparagine synthetase, ts11, is necessary for G1 progression.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

61 kDa

### Swiss-Prot:

P08243(Human) Q61024(Mouse) P49088(Rat)

### Purification&Purity:

ProA affinity purified

### Applications:

WB:1:1,000-1:5,000

ICC:1:50-1:200

IHC:1:50-1:200

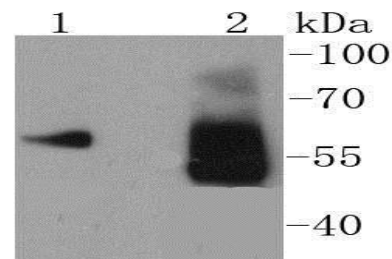
### Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

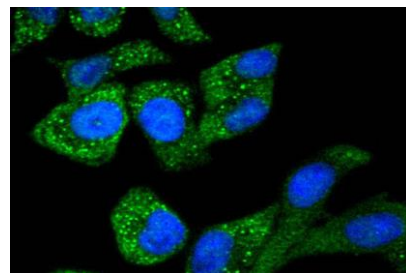
### Specificity:

ASNS polyclonal antibody detects endogenous levels of ASNS protein.

### DATA:



Western blot analysis of Asparagine synthetase on different lysates using anti-Asparagine synthetase antibody at 1/1,000 dilution. Positive control: Lane 1: K562 Lane 2: Human skeletal muscle



ICC staining Asparagine synthetase in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

### Note:

For research use only, not for use in diagnostic procedure.

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