



Anti-ASNS (aa 358-407) polyclonal antibody (DPABH-02128)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	Synthetic peptide corresponding to a region within C terminal amino acids 358-407 (SVVIFSGEGS DELTQGYIYF HKAPSPEKAE EESERLLREL YLFDVLRADR) of Human Asparagine synthetase (NP_001664).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, ICC/IF
Format	Liquid
Size	50 µg
Buffer	Constituents: 98% PBS, 2% Sucrose
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	ASNS asparagine synthetase (glutamine-hydrolyzing) [Homo sapiens]
Official Symbol	ASNS
Synonyms	ASNS; asparagine synthetase (glutamine-hydrolyzing); TS11; ASNSD; asparagine synthetase [glutamine-hydrolyzing]; TS11 cell cycle control protein; glutamine-dependent asparagine synthetase;
Entrez Gene ID	440
Protein Refseq	NP_001171546.1
UniProt ID	P08243
Pathway	ATF4 activates genes; Alanine, aspartate and glutamate metabolism; Metabolism; Metabolism of proteins
Function	ATP binding; asparagine synthase (glutamine-hydrolyzing) activity; asparagine synthase (glutamine-hydrolyzing) activity; cofactor binding