

ARG58335 anti-ASNS / Asparagine Synthetase antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ASNS / Asparagine Synthetase
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ASNS / Asparagine Synthetase
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 262-561 of Human ASNS (NP_597680.2).
Conjugation	Un-conjugated
Alternate Names	TS11; EC 6.3.5.4; Asparagine synthetase [glutamine-hydrolyzing]; Cell cycle control protein TS11; Glutamine-dependent asparagine synthetase; ASNSD

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse testis	
Observed Size	58 kDa	

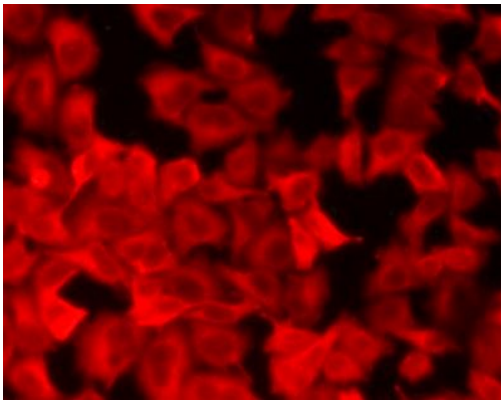
Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

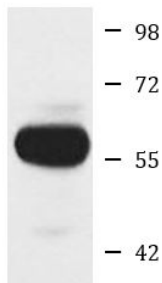
Gene Symbol	ASNS
Gene Full Name	asparagine synthetase (glutamine-hydrolyzing)
Background	The protein encoded by this gene is involved in the synthesis of asparagine. This gene complements a mutation in the temperature-sensitive hamster mutant ts11, which blocks progression through the G1 phase of the cell cycle at nonpermissive temperature. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, May 2010]
Calculated Mw	64 kDa

Images



ARG58335 anti-ASNS / Asparagine Synthetase antibody ICC/IF image

Immunofluorescence: A549 cells stained with ARG58335 anti-ASNS / Asparagine Synthetase antibody.



Mouse testis

ARG58335 anti-ASNS / Asparagine Synthetase antibody WB image

Western blot: 25 µg of Mouse testis lysate stained with ARG58335 anti-ASNS / Asparagine Synthetase antibody at 1:1000 dilution.