

Product datasheet for **TA342876**

Asparagine synthetase (ASNS) Rabbit Polyclonal Antibody

Product data:

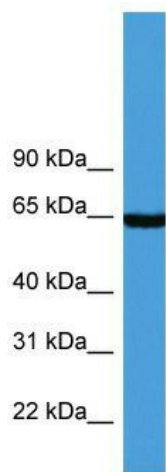
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Rat, Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-ASNS antibody: synthetic peptide directed towards the C terminal of human ASNS. Synthetic peptide located within the following region: SVWIFSGEGSDELDTQGYIYFHKAPSPEKAEESERLLRELYLFDVLRADR
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	64 kDa
Gene Name:	asparagine synthetase (glutamine-hydrolyzing)
Database Link:	NP_001664 Entrez Gene 25612 Rat Entrez Gene 27053 Mouse Entrez Gene 440 Human P08243
Background:	ASNS is involved in the synthesis of asparagine. ASNS 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.
Synonyms:	ASNSD; TS11
Note:	Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Guinea pig: 100%; Rabbit: 93%
Protein Families:	Druggable Genome



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Protein Pathways: Alanine, aspartate and glutamate metabolism, Metabolic pathways, Nitrogen metabolism

Product images:



WB Suggested Anti-ASNS Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: Human Lung