

Product datasheet for **TA332763**

Asparagine synthetase (ASNS) Rabbit Polyclonal Antibody

Product data:

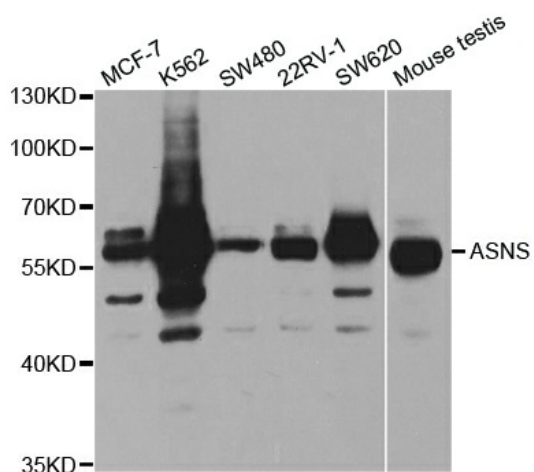
Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB 1:500 - 1:2000;IF 1:50- 1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 212-561 of human ASNS (NP_001664.3).
Formulation:	Store at -20°C (regular) and -80°C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.05% Proclin300, 50% glycerol, pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	561
Gene Name:	asparagine synthetase (glutamine-hydrolyzing)
Database Link:	NP_597680 Entrez Gene 25612 Rat Entrez Gene 27053 Mouse Entrez Gene 440 Human P08243
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.
Synonyms:	ASNSD; TS11
Protein Families:	Druggable Genome



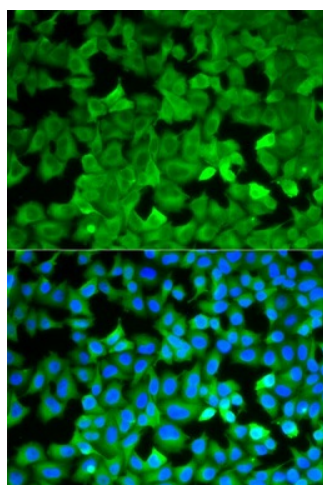
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Protein Pathways: Alanine, aspartate and glutamate metabolism, Metabolic pathways, Nitrogen metabolism

Product images:



Western blot analysis of extracts of various cell lines, using ASNS antibody.



Immunofluorescence analysis of A549 cell using ASNS antibody. Blue: DAPI for nuclear staining.