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Product datasheet for TA349668

Asparagine synthetase (ASNS) Rabbit Polyclonal Antibody

Product data:

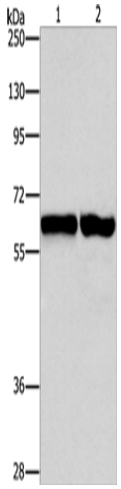
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: 231 and NIH/3T3 cells IHC: 50-200 Positive control: Human cervical cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human ASNS
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glyceroln
Concentration:	lot specific
Purification:	Antigen affinity purification
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_597680 Entrez Gene 25612 RatEntrez Gene 27053 MouseEntrez 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

View online »

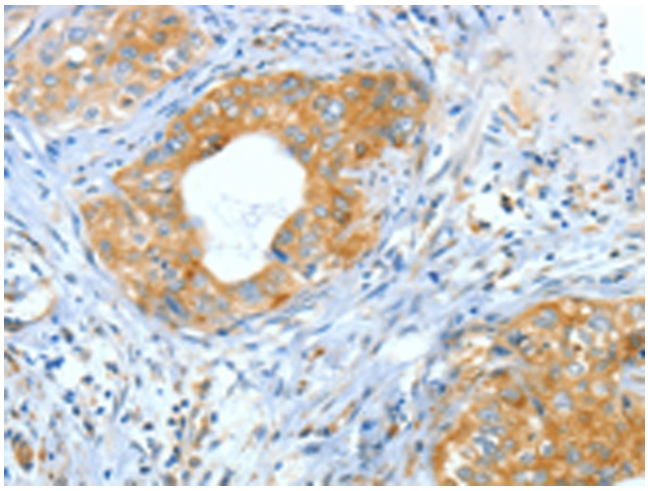
Protein Families: Druggable Genome

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

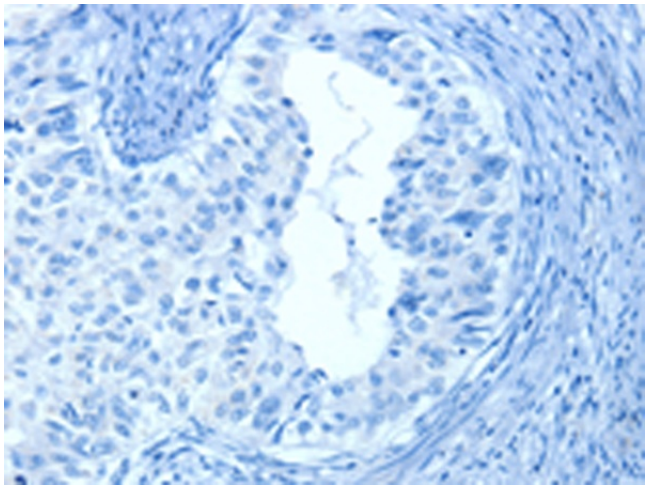
Product images:



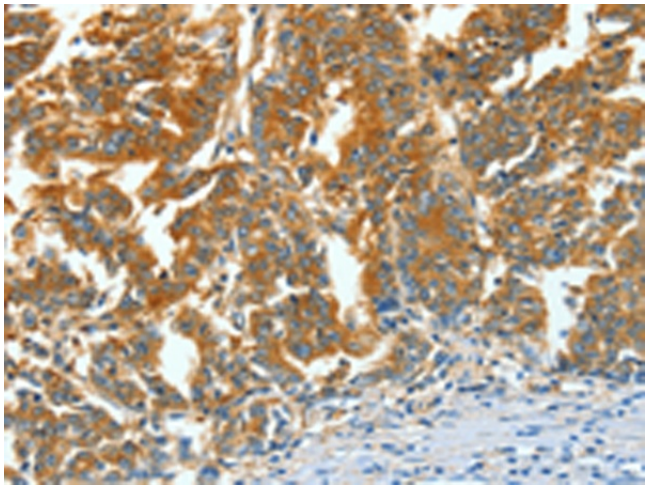
Gel: 15%SDS-PAGE
Lysate: 40 µg
Lane 1-2: 231 cells
NIH/3T3 cells
Primary antibody: TA349668 (ASNS Antibody) at dilution 1/800
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 1 minute



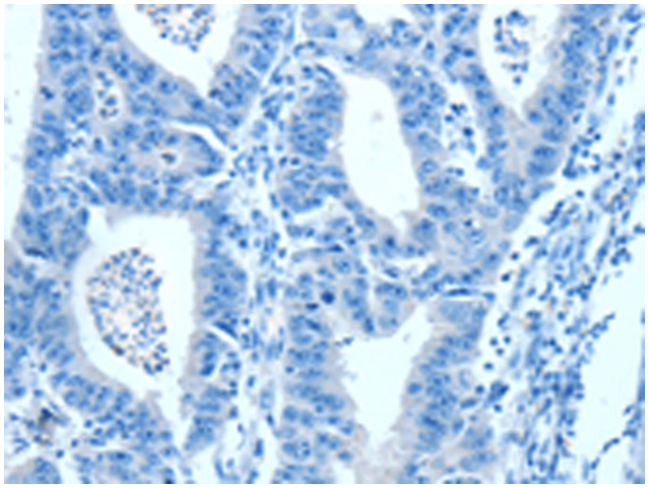
Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA349668 (ASNS Antibody) at dilution 1/60 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA349668 (ASNS Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA349668 (ASNS Antibody) at dilution 1/60 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA349668 (ASNS Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: ×200)