10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-ASNS/Asparagine Synthetase Rabbit Monoclonal Antibody

Catalog # ABO13418

Product Information

Application	WB, IHC, IF, ICC
Primary Accession	P08243
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-ASNS/Asparagine Synthetase Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

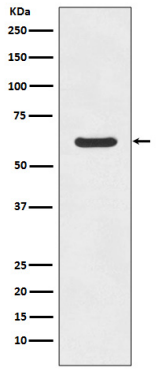
Gene ID	440
Other Names	Asparagine synthetase [glutamine-hydrolyzing], 6.3.5.4, Cell cycle control protein TS11, Glutamine-dependent asparagine synthetase, ASNS, TS11
Calculated MW	64370
Application Details	WB 1:1000-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: FGH-1
Immunogen	A synthesized peptide derived from human ASNS
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

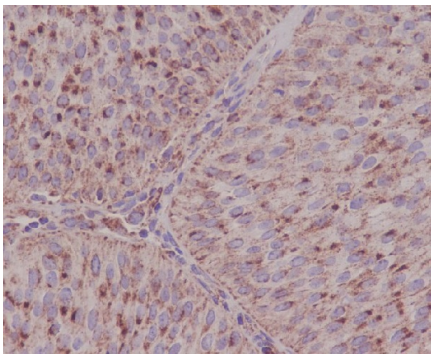
Name	ASNS (HGNC:753)
Function	Catalyzes the ATP-dependent synthesis of L-asparagine from L- aspartate,

using L-glutamine as a source of nitrogen (PubMed:2564390, PubMed:2573597). Can also use ammonia as the nitrogen source in vitro (PubMed:2564390, PubMed:2573597).

Images



Western blot analysis of ASNS expression in K562 cell lysate.



Immunohistochemical analysis of paraffin-embedded human bladder, using ASNS Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.