

Datasheet for ABIN2788368

anti-Asparagine Synthetase antibody (C-Term)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Asparagine Synthetase (ASNS)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Asparagine Synthetase antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human ASNS
Sequence:	SVVIFSGEGS DELTQGYIYF HKAPSPEKAE EESERLLREL YLFDVLRADR
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against ASNS. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Asparagine Synthetase (ASNS)
Alternative Name:	ASNS (ASNS Products)

Target Details

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. Alias Symbols: TS11 Protein Interaction Partner: UBC, WDR27, TRIM69, SH2D4A, SCPEP1, MSN, GSS, TBCB, CAPNS1, CAPN2, ALDH7A1, OGFOD1, STK26, ISOC1, OLA1, DCPS, TWF2, PROSC, PDIA4, PAPSS1, STK24, YWHAE, VCL, RAP1GDS1, PTMA, PPP1CA, PAFAH1B1, MYO1E, VCAM1, ATXN1, ITGA4, KYNU, IARS, GARS, EPRS, AARS, DCUN1D Protein Size: 561
Molecular Weight:	64 kDa
Gene ID:	440
NCBI Accession:	NM_001673 , NP_001664
UniProt:	P08243
Pathways:	ER-Nucleus Signaling

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 561 AA
Restrictions:	For Research Use only

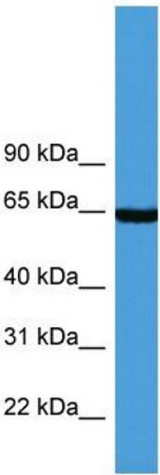
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1.