

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ASNS



Numéro de catalogue: 14681-1-AP

Phare

42 Publications

Informations de base

Numéro de catalogue:

14681-1-AP

Taille:

150ul, Concentration: 400 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG6393

Numéro d'acquisition GenBank:

BC014621

Identification du gène (NCBI):

440

Nom complet:

asparagine synthetase

MW calculé

64 kDa

MW observés:

55-64 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:50-1:500

IF 1:20-1:200

Applications

Applications testées:

IF, IHC, IP, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

IP: cellules HeLa,

IHC: tissu de rétinoblastome humain, tissu de gliome humain

IF: cellules SH-SY5Y,

Informations générales

Asparagine synthetase [glutamine-hydrolyzing](ASNS) is also named as TS11. The asparagine synthetase gene, encoding the enzyme that catalyzes the synthesis of asparagine and glutamate using glutamine and aspartate, is a gene for which transcription is highly regulated by the nutritional status of the cell(PMID:15385533). ASNS has some isoforms with the MW of 55-64 kDa.

Publications notables

Auteur	Pubmed ID	Journal	Application
César Vásquez-Trincado	34550363	Hum Mol Genet	WB
Shiqi Wang	34515223	Pharmacology	WB
Jie Jiang	31659118	J Biol Chem	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** Les 20ul contiennent 0,1% de BSA.**

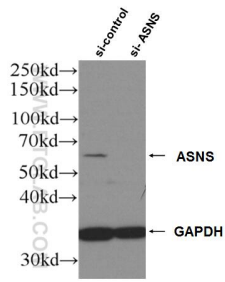
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

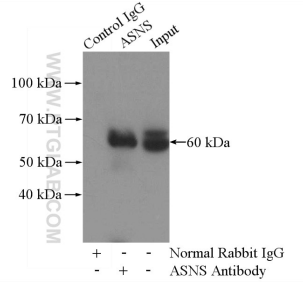
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

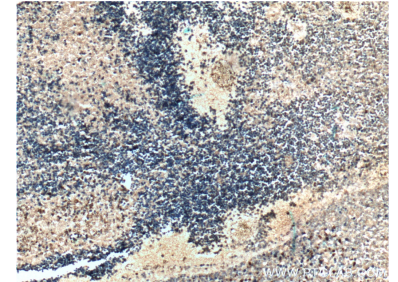
Données de validation sélectionnées



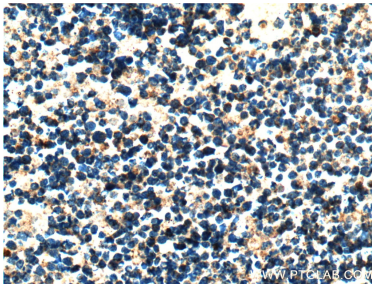
WB result of ASNS antibody (14681-1-AP; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ASNS transfected Jurkat cells.



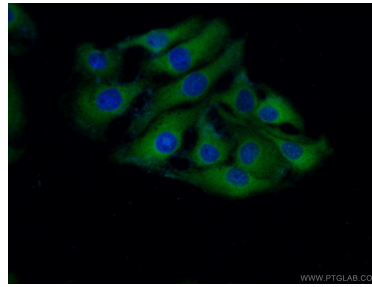
IP Result of anti-ASNS (IP:14681-1-AP, 4ug; Detection:14681-1-AP 1:500) with HeLa cells lysate 1200ug.



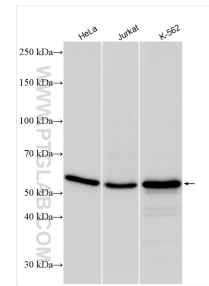
Immunohistochemical analysis of paraffin-embedded human retinoblastoma tissue slide using 14681-1-AP (ASNS Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human retinoblastoma tissue slide using 14681-1-AP (ASNS Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using 14681-1-AP (ASNS antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 14681-1-AP (ASNS antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.