

NARG1 Polyclonal antibody

Catalog Number: 23845-1-AP

Basic Information

Catalog Number: 23845-1-AP	GenBank Accession Number: BC093928	Purification Method: Antigen Affinity purified
Size: 400 µg/ml	GeneID (NCBI): 80155	Recommended Dilutions: WB 1:200-1:1000 IHC 1:250-1:1000 IF/ICC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9BXJ9	
Isotype: IgG	Full Name: NMDA receptor regulated 1	
Immunogen Catalog Number: AG20842	Calculated MW: 866 aa, 101 kDa Observed MW: 95-100 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : HeLa cells, HEK-293 cells IHC : human stomach cancer tissue, mouse kidney tissue IF/ICC : HeLa cells,
Species Specificity: human, mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

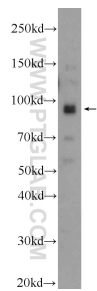
Background Information

NAA15 (N-alpha-acetyltransferase 15) is a subunit of both the NatA and NatE complexes, and its role is to position the catalytic subunits in close vicinity to the nascent polypeptides (PMID: 33557580). Human NAA15 encodes an 866 amino acid (~105 kDa) protein, NAA15, containing tetratricopeptide repeat domains and a putative bipartite nuclear localization signal (PMID: 29656860). NAA15 was implicated in human disease and loss-of-function NAA15 variants in large cohorts of patients with autism spectrum disorder and/or ID (PMID: 33103328).

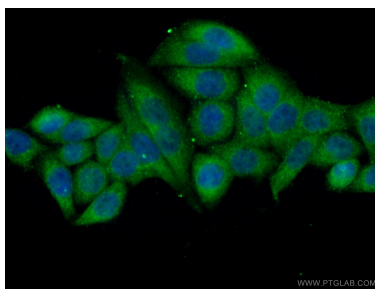
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

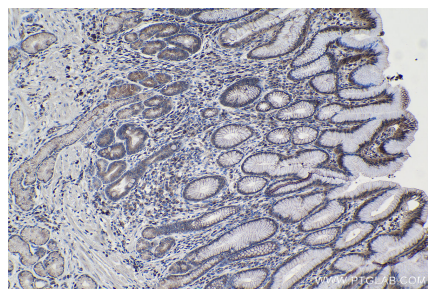
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 23845-1-AP (NARG1 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 23845-1-AP (NARG1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 23845-1-AP (NARG1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).