For Research Use Only

GID8 Polyclonal antibody

Catalog Number: 24479-1-AP 8 Publications



Basic Information

Catalog Number:

24479-1-AP

Source:

Rabbit

Isotype:

IgG

UNIPROT ID:

Q9NWU2

Immunogen Catalog Number:

GenBank Accession Number:

BC032120

GeneID (NCBI):

54994

UNIPROT ID:

Q9NWU2

Full Name:

chromosome 20 open reading frame

11

228 aa, 27 kDa Observed MW: 30 kDa

Calculated MW:

Applications

Tested Applications: WB, IHC, EUSA Cited Applications: WB, IHC, IF Species Specificity: human, mouse, rat

Cited Species: human, mouse

AG19751

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: HEK-293 cells, K-562 cells, HeLa cells, Jurkat cells, mouse brain tissue, rat brain tissue, SW480 cells, HepG2 cells

Purification Method:

WB: 1:500-1:2000 IHC: 1:1000-1:4000

Antigen affinity purification

Recommended Dilutions:

IHC: mouse testis tissue,

Background Information

The GID8 protein is a component of the Glucose-Induced Degradation-deficient (GID) complex, which plays a key role in ubiquitin-mediated protein degradation, a pathway used to regulate protein turnover in eukaryotic cells. Initially discovered in yeast, GID8 acts as a scaffold protein that is essential for the assembly of the multi-subunit GID complex and for substrate recognition. This complex plays a significant role in metabolic regulation, such as degrading fructose-1,6-bisphosphatase (FBPase) during the shift from gluconeogenesis to glycolysis. In humans, GID8 is part of the CTLH complex, which is associated with various cellular processes including cell cycle regulation, apoptosis, and cancer progression.

Notable Publications

Author	Pubmed ID	Journal	Application
Lucia Carolina Leal-Esteban	29995892	PLoS Genet	WB
Shimaa H A Soliman	32346083	Sci Rep	WB
Yasuko Kajimura	40223093	Cell Death Discov	WB

Storage

Storage

Store at -20°C. Stable for one year after shipment. Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

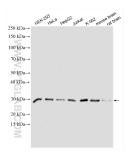
For technical support and original validation data for this product please contact:

T: 4006900926 E: Proteintech-CN@ptglab.com

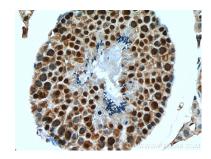
W: ptgcn.cor

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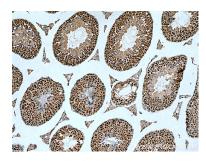
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24479-1-AP (GID8 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffinembedded mouse testis tissue slide using 24479-1-AP (GID8 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffinembedded mouse testis tissue slide using 24479-1-AP (GID8 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).