For Research Use Only

NSUN5 Polyclonal antibody

Catalog Number:15449-1-AP Featured Product 12 Publications

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Basic Information

Catalog Number:
15449-1-AP

Size:
600 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG7711

GenBank Accession Number:
BC008084

GeneID (NCBI):
55695

UNIPROT ID:
Q96P11

Full Name:
NOL1/NOP2/Sun domain family, member 5

Calculated MW:
46.6 kDa

Observed MW:
47 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:3000
IHC 1:50-1:500

Applications

Tested Applications:
IHC, WB, ELISA

Cited Applications:
WB, IHC, IF, RIP

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse, rat

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 : HeLa cells, A549 cells, human kidney tissue, human placenta tissue

IHC : mouse skeletal muscle tissue, human placenta tissue, human skin cancer tissue

Background Information

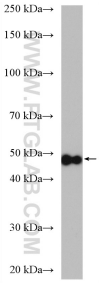
Notable Publications

Author	Pubmed ID	Journal	Application
Wei Dai	34556860	Nat Chem Biol	WB
Xiao-Wen Zhang	36420066	Oncol Lett	WB,IHC
Tingting Zhang	30485550	Glia	WB,IF

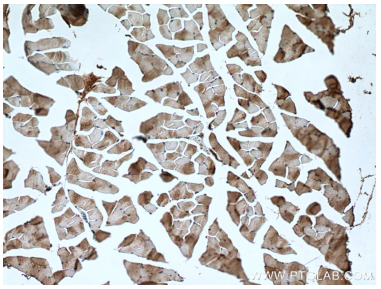
Storage

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

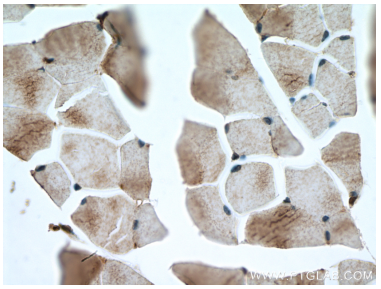
Selected Validation Data



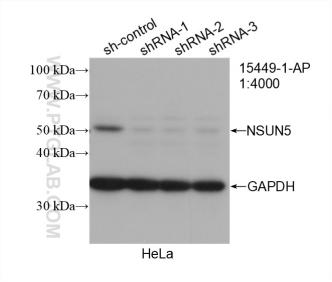
HeLa cells were subjected to SDS PAGE followed by western blot with 15449-1-AP (NSUN5 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 15449-1-AP (NSUN5 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 mouse skeletal muscle tissue slide using 15449-1-AP (NSUN5 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of NSUN5 antibody (15449-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NSUN5 transfected HeLa cells.