

NSUN4 Antibody

Catalog No: #47295

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

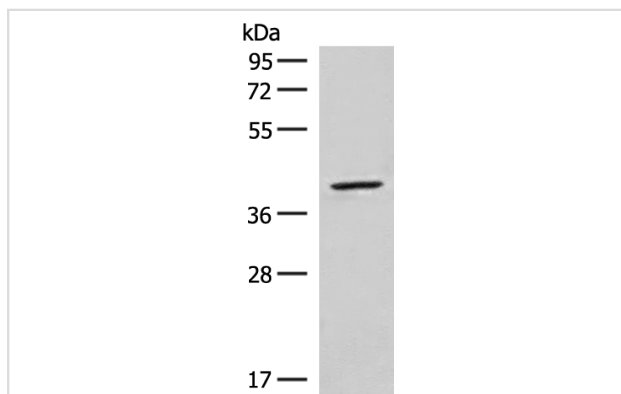
Product Name	NSUN4 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB, IHC
Species Reactivity	Hu, Ms
Specificity	The antibody detects endogenous levels of total NSUN4 protein.
Immunogen Type	Peptide
Immunogen Description	Fusion protein of human NSUN4
Target Name	NSUN4
Other Names	SHTAP
Accession No.	Swiss-Prot#:Q96CB9NCBI Gene ID:387338Gene Accssion:BC014441
Calculated MW	43 kDa
Concentration	0.7
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

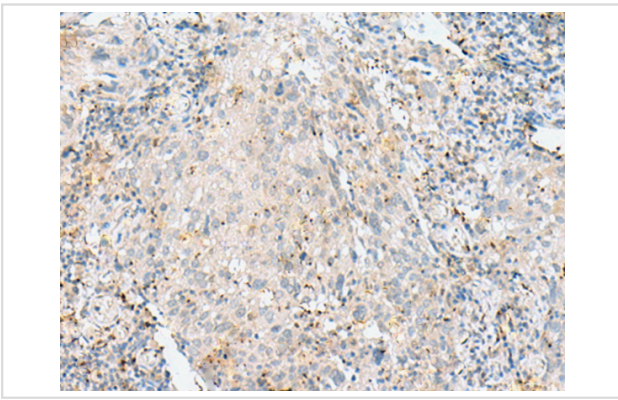
WB dilution:1:200-1000

IHC dilution:1: 25-100

Images



Gel: 8%SDS-PAGE, Lysate: 40 μ g, Lane: K562 cell lysate,
 Primary antibody:47295(NSUN4 Antibody) at dilution 1/300,
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,
 Exposure time: 20 seconds



The image is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 47295(NSUN4 Antibody) at dilution 1/40.(Original magnification: 200)

Background

Involved in mitochondrial ribosome assembly. 5-methylcytosine rRNA methyltransferase that probably is involved in mitochondrial ribosome small subunit (SSU) maturation by methylation of mitochondrial 12S rRNA; the function is independent of MTERFD2/MTERF4 and assembled mitochondrial ribosome large subunit (LSU). Targeted to LSU by MTERFD2/MTERF4 and probably is involved in a final step in ribosome biogenesis to ensure that SSU and LSU are assembled. In vitro can methylate 16S rRNA of the LSU; the methylation is enhanced by MTERFD/MTERF4.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.