

For Research Use Only

WDR12 Polyclonal antibody

Catalog Number:33831-1-AP



Basic Information

Catalog Number: 33831-1-AP	GenBank Accession Number: BC008082	Purification Method: Antigen affinity Purification
Source: Rabbit	GeneID (NCBI): 55759	Recommended Dilutions: WB: 1:1000-1:4000
Isotype: IgG	UNIPROT ID: Q9GZL7	
Immunogen Catalog Number: AG38016	Full Name: WD repeat domain 12	
	Calculated MW: 423 aa, 48 kDa	
	Observed MW: 47 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells,
Species Specificity: human	

Background Information

WDR12 is a nucleolar WD-repeat scaffolding protein and an essential component of the PeBoW complex required for 60S ribosomal subunit maturation. By driving pre-rRNA processing, WDR12 supports cell growth and proliferation, while its disruption activates the p53-dependent nucleolar stress pathway. Upregulated in multiple cancers and genetically linked to cardiometabolic traits, WDR12 serves as a central regulator of ribosome biogenesis, cell-cycle control, and cellular homeostasis.

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:

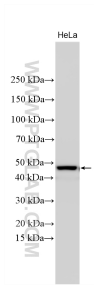
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Selected Validation Data



HeLa cells lysates were subjected to SDS PAGE followed by western blot with 33831-1-AP (WDR12 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.