

For Research Use Only

WDR12 Polyclonal antibody, PBS Only

Catalog Number: 33831-1-PBS



Basic Information

Catalog Number:

33831-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG38016

GenBank Accession Number:

BC008082

GeneID (NCBI):

55759

UNIPROT ID:

Q9GZL7

Full Name:

WD repeat domain 12

Calculated MW:

423 aa, 48 kDa

Observed MW:

47 kDa

Purification Method:

Antigen affinity Purification

Applications

Tested Applications:

WB, Indirect ELISA

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 -80°C.

Storage Buffer:

PBS only, pH7.3

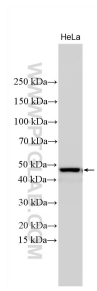
For technical support and original validation data for this product please contact:

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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. This data was developed using the same antibody clone with 33831-1-PBS in a different storage buffer formulation.