

# WDR74 Polyclonal antibody

Catalog Number: 20631-1-AP

## Basic Information

**Catalog Number:**

20631-1-AP

**Size:**

150ul, Concentration: 300 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG14617

**GenBank Accession Number:**

BC006351

**GeneID (NCBI):**

54663

**UNIPROT ID:**

Q6RFH5

**Full Name:**

WD repeat domain 74

**Calculated MW:**

385 aa, 42 kDa

**Observed MW:**

42 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human

**Positive Controls:**

WB : HepG2 cells, K-562 cells, MCF-7 cells, L02 cells, MDA-MB-231 cells

## Background Information

WDR74, also known as WD repeat domain 74, is a protein-coding gene that plays important roles in various biological processes. WDR74 is involved in rRNA processing and ribosomal large subunit biogenesis. It is a 60S ribosome assembly factor, which is irreplaceable in ribosome biogenesis and is closely related to protein synthesis. WDR74 can induce nuclear  $\beta$ -catenin accumulation and activate Wnt-responsive genes, thus promoting cell proliferation and metastasis in various cancers.

## 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

\*\*\* 20ul sizes contain 0.1% BSA

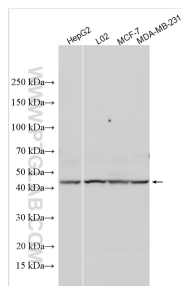
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 20631-1-AP (WDR74 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.