

# KIAA0774 Polyclonal antibody

Catalog Number: 24921-1-AP

## Basic Information

**Catalog Number:**

24921-1-AP

**Size:**

1200 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG20593

**GenBank Accession Number:**

BC032481

**GeneID (NCBI):**

23281

**UNIPROT ID:**

Q5JR59

**Full Name:**

KIAA0774

**Calculated MW:**

1369 aa, 150 kDa

**Observed MW:**

150 kDa, 41 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

IHC 1:20-1:200

IF/ICC 1:20-1:200

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, ELISA

**Species Specificity:**

human, mouse

**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 : mouse brain tissue, mouse heart tissue

IHC : human heart tissue,

IF/ICC : HepG2 cells,

## Background Information

KIAA0774, also named as MTUS2, CAZIP and TIP150, binds microtubules. It may regulate the dynamics of microtubules at their growing distal tip. KIAA0774 has three isoforms with MW 150 kDa, 41 kDa and 30 kDa.

## Storage

**Storage:**

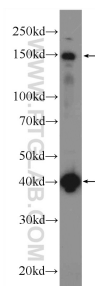
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

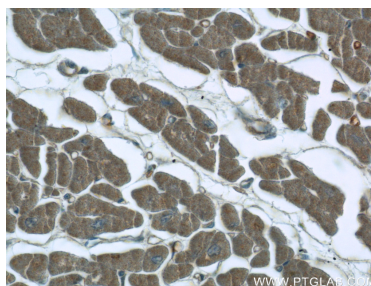
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

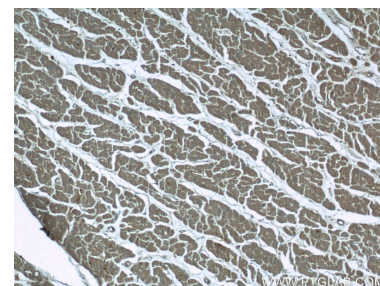
## Selected Validation Data



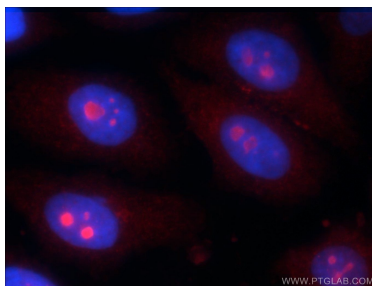
mouse brain tissue were subjected to SDS PAGE followed by western blot with 24921-1-AP (KIAA0774 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 24921-1-AP (KIAA0774 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 24921-1-AP (KIAA0774 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells using 24921-1-AP (KIAA0774 antibody) at dilution of 1:50 and Rhodamine-Goat anti-Rabbit IgG.