

For Research Use Only

# Kiz Polyclonal antibody

Catalog Number: 21177-1-AP **2 Publications**



## Basic Information

**Catalog Number:**

21177-1-AP

**Size:**

150ul, Concentration: 800 ug/ml by Nanodrop and 513 ug/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG15454

**GenBank Accession Number:**

BC045826

**GeneID (NCBI):**

55857

**UNIPROT ID:**

Q2M2Z5

**Full Name:**

non-protein coding RNA 153

**Calculated MW:**

673 aa, 75 kDa

**Observed MW:**

90-100 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:3000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF/ICC 1:500-1:2000

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, IP, ELISA

**Cited Applications:**

IF

**Species Specificity:**

human

**Cited Species:**

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 : HeLa cells, human brain tissue

IP : HeLa cells,

IHC : human testis tissue,

IF/ICC : HeLa cells, hTERT-RPE1 cells

## Notable Publications

Author	Pubmed ID	Journal	Application
Tianyu Wu	36395215	Science	IF
Chun So	31249032	Science	IF

## 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

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

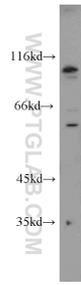
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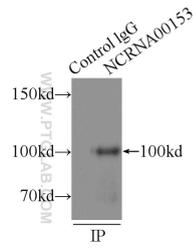
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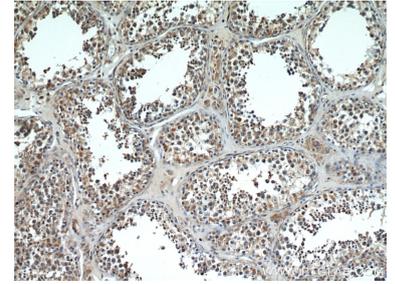
## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 21177-1-AP (C20orf19 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-Kiz (IP:21177-1-AP, 3ug; Detection:21177-1-AP 1:500) with HeLa cells lysate 2000ug.



Immunohistochemical analysis of paraffin-embedded human testis using 21177-1-AP (C20orf19 antibody) at dilution of 1:100 (under 10x lens).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Kiz antibody (21177-1-AP) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), Gamma Tubulin antibody (66320-1-Ig, Clone: 3F9H8, red).