

For Research Use Only

# TEKT4 Polyclonal antibody

Catalog Number: 17058-1-AP **3 Publications**



## Basic Information

**Catalog Number:**

17058-1-AP

**Size:**

150ul, Concentration: 400 ug/ml by Nanodrop and 207 ug/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG10772

**GenBank Accession Number:**

BC021716

**GeneID (NCBI):**

150483

**UNIPROT ID:**

Q8WW24

**Full Name:**

tektin 4

**Calculated MW:**

435 aa, 51 kDa

**Observed MW:**

52 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

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

protein lysate

IHC 1:20-1:200

## Applications

**Tested Applications:**

WB, IP, IHC, ELISA

**Cited Applications:**

WB, IHC, IF, IP, CoIP

**Species Specificity:**

human, mouse, rat

**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 : MDA-MB-453s cells, human testis tissue

IP : HeLa cells,

IHC : human kidney tissue, human lung tissue, human skin tissue

## Notable Publications

Author	Pubmed ID	Journal	Application
Pei-Yi Pan	38822685	Dev Dyn	IF
Xin-Yan Geng	38448737	Cell Mol Life Sci	WB,IP
Yi-Zhou Jiang	24823476	Nat Commun	IHC,IF,CoIP

## 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

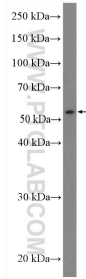
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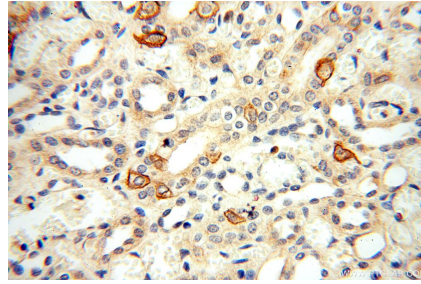
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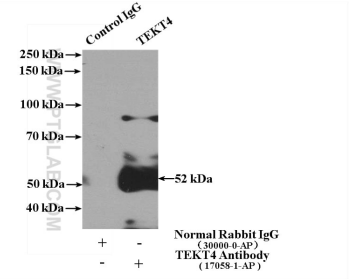
## Selected Validation Data



MDA-MB-453s cells were subjected to SDS PAGE followed by western blot with 17058-1-AP (TEKT4 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney using 17058-1-AP (TEKT4 antibody) at dilution of 1:100 (under 40x lens).



IP result of anti-TEKT4 (IP:17058-1-AP, 4ug; Detection:17058-1-AP 1:500) with HeLa cells lysate 1200ug.