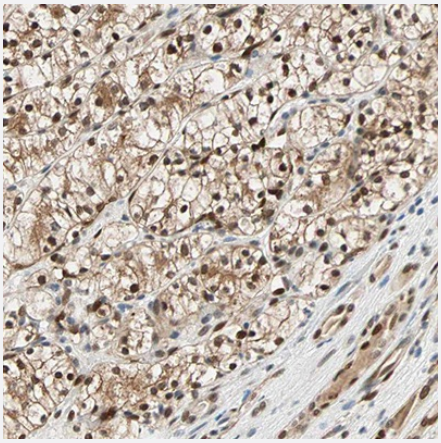
Sm Size

# WWTR1 polyclonal antibody

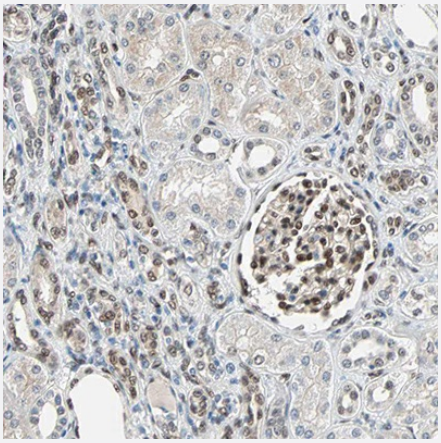
Catalog # PAB31829 Size 25 uL, 100 uL

## Applications



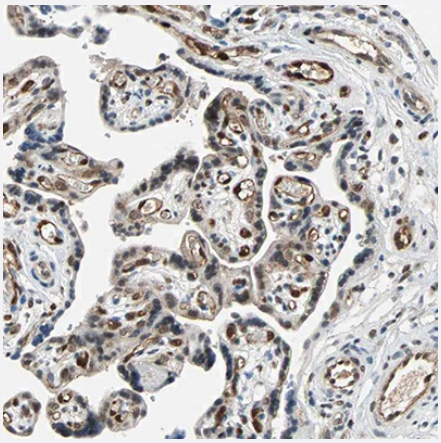
### Immunohistochemistry

Immunohistochemical staining of human renal cancer shows strong nuclear positivity in tumor cells.



### Immunohistochemistry

Immunohistochemical staining of human kidney shows moderate nuclear positivity in glomerular cells and a subset of cells in distal tubules.



### Immunohistochemistry

Immunohistochemical staining of human placenta shows strong nuclear positivity in endothelial cells.

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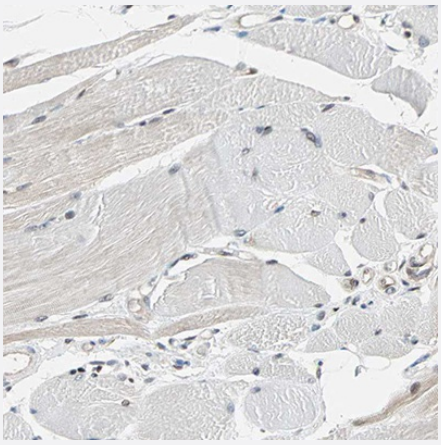
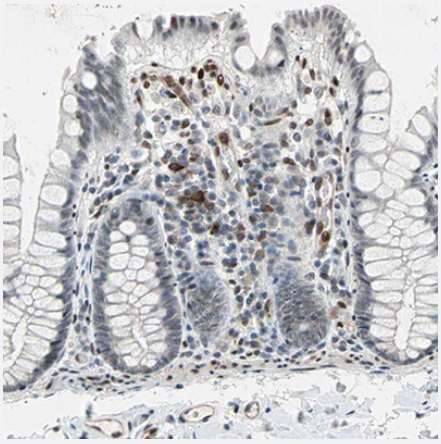


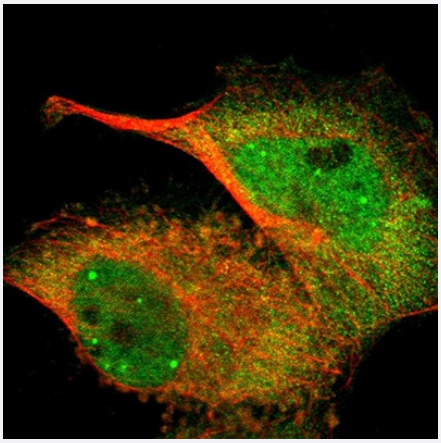
## Immunohistochemistry

Immunohistochemical staining of human skeletal muscle shows weak positivity in myocytes.



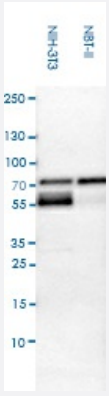
## Immunohistochemistry

Immunohistochemical staining of human colon shows strong nuclear positivity in a subset of lymphoid cells.



## Immunofluorescence

Immunofluorescent staining of human cell line U-251 MG shows localization to nucleoplasm, nuclear bodies and cytosol.




## Western Blot (Cell lysate)

Western blot analysis of mouse cell line NIH-3T3 and rat cell line NBT-II.

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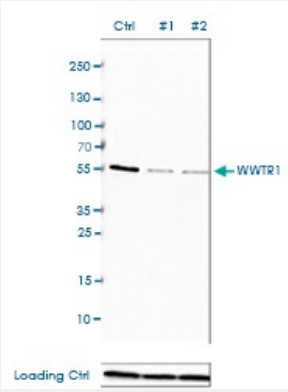


## Western Blot (Transfected lysate)

Western blot analysis of EFO-21 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using WWTR1 polyclonal antibody (Cat # PAB31829). Loading control: Anti-PPIB

## Specification

| | |
|---|---|
| **Product Description** | Rabbit polyclonal antibody raised against recombinant human WWTR1. |
| **Sequence** | MNPKPSSWRKKILPESFFKEPDSGSHSRQSSTDSSGGHPGPRLAGGAQHVRSHSSPASLQLGT GAGAAGSPAQQHAHLRQQSYDVTDELPLPPGWEMTFTATGQRYFLNHIEKITTWQDPRKAMNQP LNHMNLHPAVSST |
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse, Rat |
| **Specificity** | This antibody reacts to WWTR1. |
| **Form** | Liquid |
| **Purification** | Affinity purification |
| **Isotype** | IgG |
| **Recommend Usage** | Immunofluorescence (0.25-2 ug/mL)<br>Immunohistochemistry (1:200 - 1:500)<br>Western Blot (0.04-0.4 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS, pH7.2 (40% glycerol, 0.02% sodium azide). |
| **Storage Instruction** | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

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## Gene Info — WWTR1

| | |
|---|---|
| **Entrez GeneID** | 25937 |
| **Gene Name** | WWTR1 |
| **Gene Alias** | DKFZp586I1419, TAZ |
| **Gene Description** | WW domain containing transcription regulator 1 |
| **Omim ID** | 607392 |

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| | |
|---|---|
| **Gene Ontology** | Hyperlink |
| **Other Designations** | transcriptional co-activator with PDZ-binding motif (TAZ) |

## Disease

- Atherosclerosis
- Calcinosis
- Coronary Artery Disease

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