ELK Biotechnology

# WWTR1 rabbit pAb

## Cat No.:ES10647

**For research use only**

**Overview**

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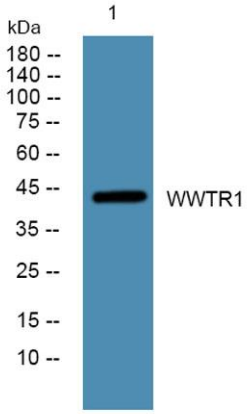
|---|---|
| **Product Name** | WWTR1 rabbit pAb |
| **Host species** | Rabbit |
| **Applications** | WB;ELISA |
| **Species Cross-Reactivity** | Human;Mouse |
| **Recommended dilutions** | WB 1:500-2000 ELISA 1:5000-20000 |
| **Immunogen** | Synthesized peptide derived from part region of human protein |
| **Specificity** | WWTR1 Polyclonal Antibody detects endogenous levels of protein. |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Storage** | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| **Protein Name** | WW domain-containing transcription regulator protein 1 (Transcriptional coactivator with PDZ-binding motif) |
| **Gene Name** | WWTR1 TAZ |
| **Cellular localization** | Nucleus . Cytoplasm . Cell membrane . Concentrates along specific portions of the plasma membrane, and accumulates in punctate nuclear bodies (By similarity). When phosphorylated, is retained in the cytoplasm by YWHAZ (By similarity). Can be retained in t |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Clonality** | Polyclonal |
| **Concentration** | 1 mg/ml |
| **Observed band** | 44kD |
| **Human Gene ID** | 25937 |
| **Human Swiss-Prot Number** | Q9GZV5 |
| **Alternative Names** | |
| **Background** | domain:Binds to transcription factors via its WW domain.,domain:The PDZ-binding motif is essential |

for stimulated gene transcription. It localizes the protein into both punctate nuclear foci and plasma membrane-associated complexes.,function:Functions as a transcriptional coactivator.,PTM:Phosphorylated. Phosphorylation results in the inhibition of transcriptional coactivation through YWHAZ-mediated nuclear export.,similarity:Contains 1 WW domain.,subcellular location:Concentrates along specific portions of the plasma membrane, and accumulates in punctate nuclear bodies. When phosphorylated, is retained in cytoplasm by YWHAZ.,subunit:Binds to SLC9A3R2 via the PDZ motif at the plasma membrane. Binds to YWHAZ in vivo and in vitro through the phosphoserine-binding motif RSHSSP.,tissue specificity:Highly expressed in kidney, heart, placenta and lung.,




Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4°over night

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