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# Product datasheet for TA349110

## KIBRA (WWC1) Rabbit Polyclonal Antibody

### Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Applications:** | IF, IHC, WB |
| **Recommended Dilution:** | WB: 1 - 2 ug/mL, IHC: 5 ug/mL, IF: 20 ug/mL |
| **Reactivity:** | Human, Mouse, Rat |
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Immunogen:** | WWC1 antibody was raised against an 18 amino acid peptide near the amino terminus of human WWC1. |
| **Formulation:** | PBS containing 0.02% sodium azide. |
| **Concentration:** | 1 mg/ml |
| **Purification:** | WWC1 antibody is affinity chromatography purified via peptide column. |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store at -20°C as received. |
| **Stability:** | Stable for 12 months from date of receipt. |
| **Predicted Protein Size:** | Predicted: 123 kDa; Observed: 110 kDa |
| **Gene Name:** | WW and C2 domain containing 1 |
| **Database Link:** | NP_001155133<br>Entrez Gene 23286 Human<br>Q8IX03 |
| **Background:** | The WW and C2 domain containing 1 (WWC1) protein, also known as KIBRA, possesses two WW domains and an internal C2-like domain (1). WWC1 was originally identified as a memory performance-associated protein in humans (2) and has recently been shown to be a novel regulator of the Hippo pathway (3). WWC1 is phosphorylated by the mitotic kinases Aurora-A and ?? (4), and in turn activates the Aurora kinases and is required for precise chromosome alignment during mitosis (5). |
| **Synonyms:** | PACS-2; PACS1L |

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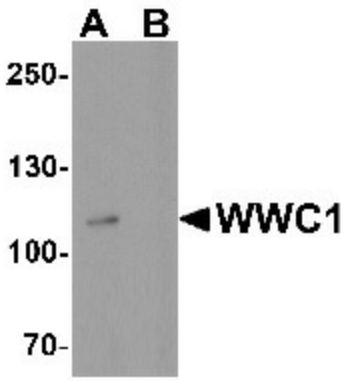
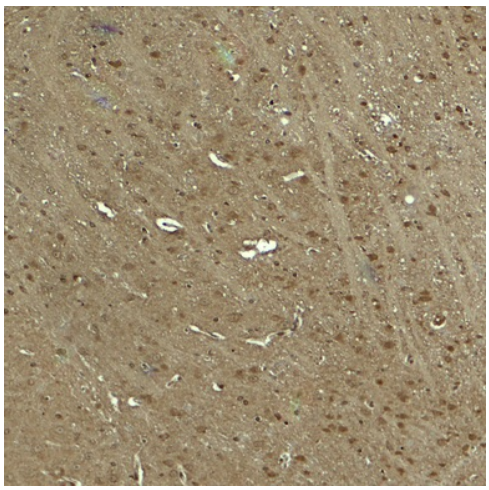
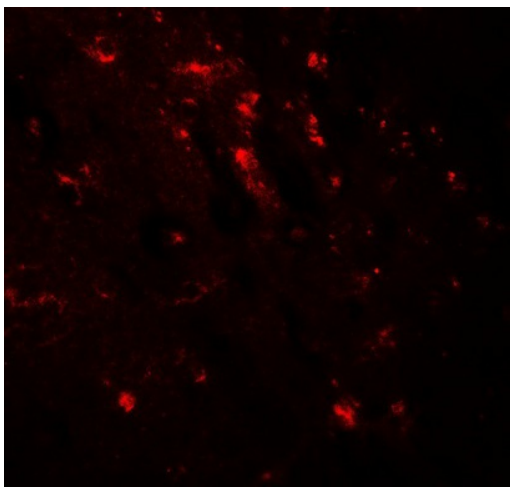
## Product images:




Western blot analysis of WWC1 in human brain tissue lysate with WWC1 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of WWC1 in mouse brain tissue with WWC1 antibody at 5 ug/mL.



Immunofluorescence of WWC1 in mouse brain tissue with WWC1 antibody at 20 ug/mL.