anti-WT

Cat #: HM1396
Rabbit polyclonal IgG
0.2 μg/μl, store at 4 °C

For research use only

BACKGROUND
Wilms' tumor (WT) is an embryonal malignancy of the kidney that affects 1 in 10,000 infants and, like retinoblastoma, is observed in both sporadic and inherited forms. The Wilms' tumor locus has been mapped at chromosome 11p13 as a tumor suppressor gene which encodes a DNA binding protein with four zinc fingers and a glutamine -proline rich amino terminus. The Wilms' tumor protein binds the DNA sequence GCGGGGGCG, a recognition element common to the early growth response (Egr) family of Zn+ + finger transcriptional activators. However, in contrast to Egr transcription factors, WT1 behaves as a transcriptional repressor in transient transfection assays with synthetic promoter constructs.

SPECIFICITY
The antibody can be used in detecting WT of mouse, rat and human origin in Western blotting, immunoprecipitiation and immunohistochemistry.

Molecular Weight of WT: 52 kDa.
Western blotting positive control: MCF7 cells.

IMMUNOGEN
A peptide at the carboxyl terminus of human WT protein.

STORAGE
This antibody is stable for 12 months when stored at 2-8°C.

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