Recombinant Wilms Tumor Protein Monoclonal Antibody

catalog number: **AN300904L**

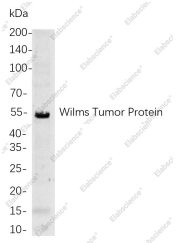
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human Wilms Tumor Protein protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110528
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
IHC	1:1000-1:5000
WB	1:1000-1:5000
IF	1:200-1:1000
ELISA	1:5000-1:20000

Data



Western Blot with Recombinant Wilms Tumor Protein Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Mouse testis cells.

Observed-MW:55 kDa

Calculated-MW:55 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

This gene encodes a transcription factor that contains four zinc-finger motifs at the C-terminus and a proline/ glutamine-rich DNA-binding domain at the N-terminus. It has an essential role in the normal development of the urogenital system, and it is mutated in a small subset of patients with Wilms tumor. This gene exhibits complex tissu e-specific and polymorphic imprinting pattern, with biallelic, and monoallelic expression from the maternal and paternal alleles in different tissues. Multiple transcript variants have been described. In several variants, there is evidence for the use of a non-AUG (CUG) translation initiation codon upstream of, and in-frame with the first AUG. Authors of PMID:7926762 also provide evidence that WT1 mRNA undergoes RNA editing in human and rat, and that this process is tissue-restricted and developmentally regulated.

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