

Rabbit Wilms Tumor 1 Polyclonal Antibody | anti-WT1 antibody

Wilms Tumor 1 antibody

CATALOG # AAA224209	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry, Immunocytochemistry, Immunofluorescence
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PRODUCT SYNONYMS

Wilms Tumor 1; Polyclonal Antibody; Wilms Tumor 1 antibody; Polyclonal Wilms Tumor 1; Anti-Wilms Tumor 1; Wilms tumor 1; WAGR; GUD; WT33; AWT1; Wilms Tumor -1; NPHS4; WIT-2; amino-terminal domain of EWS|last three Zinc fingers of the DNA-binding domain of WT1; Wilms tumor protein; WT1; anti-WT1 antibody

PRODUCT SPECIFICATIONS

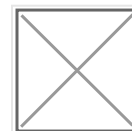
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Wilms Tumor 1 antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.21 mg/ml (varies by lot)
Sequence Length	30
Applicable Applications for anti-WT1 antibody	WB (Western Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), IF (Immunofluorescence)
Biological Significance	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' tumors. Multiple transcript variants, resulting from alternative splicing at two coding exons, have been well characterized. There is also evidence for the use of non-AUG (CUG) translation initiation site upstream of, and in-frame with the first AUG, leading to additional isoforms.
Cross-Reactivity	Human, Rat
Immunogen	Wilms Tumor 1 antibody was raised in rabbit using a recombinant fragment corresponding to a region within amino acids 209 and 449 of Wilms Tumor 1
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded RT2 xenograft using Wilms Tumor 1 antibody at a dilution of 1:500



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: Molt-4; B: Raji) using a 10 % SDS PAGE gel and Wilms Tumor 1 antibody at a dilution of 1:1000



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using WT1 antibody at 1:200 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-WT1 antibody	Affinity purified Rabbit polyclonal Wilms Tumor 1 antibody
Product Categories/Family for anti-WT1 antibody	DNA & RNA; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	116672767
NCBI GeneID	7490
Molecular Weight	56 kDa
NCBI Official Full Name	Wilms tumor 1, partial
NCBI Official Synonym Full Names	Wilms tumor 1
NCBI Official Symbol	WT1
NCBI Official Synonym Symbols	GUD; AWT1; WAGR; WT33; NPHS4; WIT-2; EWS-WT1
NCBI Protein Information	Wilms tumor protein
UniProt Protein Name	Wilms tumor protein
UniProt Gene Name	WT1
UniProt Entry Name	WT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/wilms-tumor-1-antibody-western-blot-immunohistochemistry-immunocytochemistry-immunofluorescence-elisa/224209>