

Rabbit WT1 Polyclonal Antibody | anti-WT1 antibody

WT1 Antibody

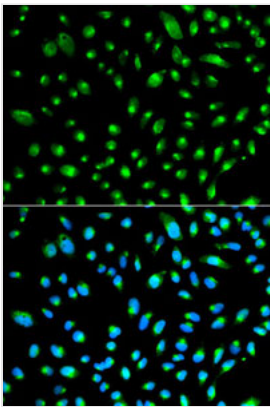
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA306230	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

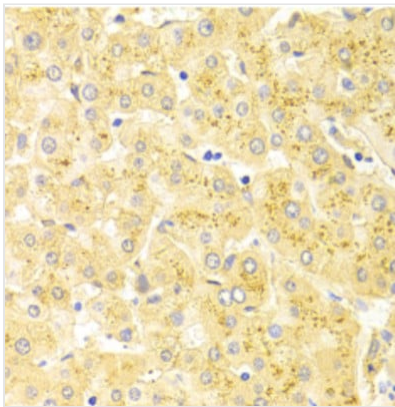
WT1; Polyclonal Antibody; WT1 Antibody; GUD; AWT1; WAGR; WT33; NPHS4; anti-WT1 antibody

PRODUCT SPECIFICATIONS

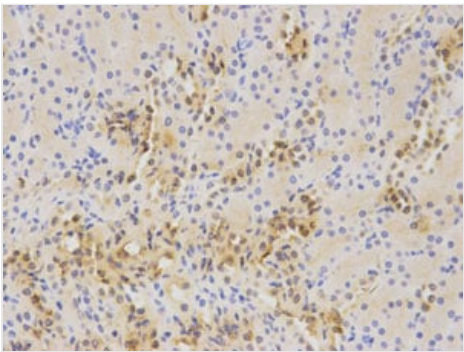
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total WT1 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	497
Applicable Applications for anti-WT1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human WT1.
SDS-PAGE MW	49kD
Target Name	WT1
Preparation and Storage	Store at -20°C



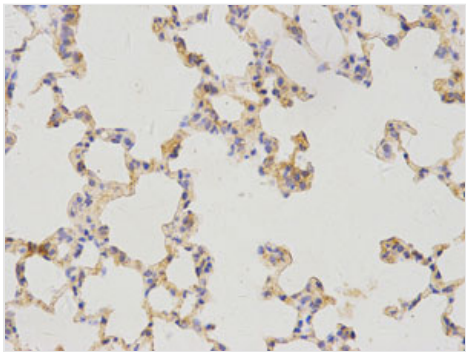
IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cell using WT1 antibody. Blue: DAPI for nuclear staining.



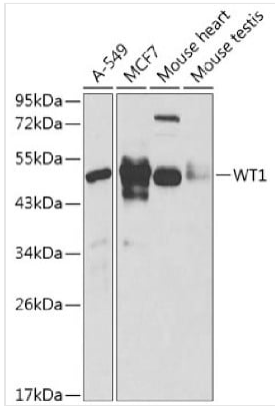
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver damage using WT1 at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded rat lung using WT1 antibody at dilution of 1:500 (400x lens).



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human kidney cancer using WT1 antibody at dilution of 1:500 (400x lens).



WB (Western Blot)
Western blot analysis of extracts of various cell lines using WT1 at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-WT1 antibody

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 Wilm's tumors. This gene exhibits complex tissue-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 site 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.

Product Categories/Family for anti-WT1 antibody	Total protein Ab
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NCBI AND UNIPROT INFORMATION

NCBI GI #	65507714
NCBI GeneID	7490
NCBI Accession #	NP_000369.3
NCBI GenBank Nucleotide #	NM_000378.4
UniProt Accession #	P19544; Q15881; Q16256; Q16575; Q4VXV4; Q4VXV5; Q4VXV6; Q8IYZ5; A8K6S1; B3KSA5
NCBI Official Full Name	Wilms tumor protein isoform A
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/wt1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/306230>