

Rabbit WT1 Polyclonal Antibody | anti-WT1 antibody

WT1 Antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197123	Rabbit	Predicted: Dog, human, Mouse, Pig, Rabbit, Rat, Zebrafish Tested: Human	Western Blot

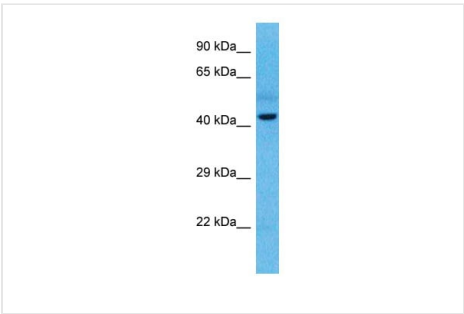
PRODUCT SYNONYMS

WT1; Polyclonal Antibody; WT1 Antibody - N-terminal region; anti-WT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Predicted: Dog, human, Mouse, Pig, Rabbit, Rat, Zebrafish Tested: Human
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: DF APPGASAYGS LGGPAPPPAP PPPPPPPHS FIKQEPSWGG AEPHEEQC
Sequence Length	432
Applicable Applications for anti-WT1 antibody	WB (Western Blot)
Homology	Dog: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human WT1
Protein Size	432 Amino acids
Protein Interactions	KRTAP10-3; KRTAP10-8; KRT40; EGR1; MDM2; DVL3; CIAO1; TP53; HSPA4; TAOK1; NPM3; ZNF205; SUZ12; MEN1; EZH2; DNMT1; WTIP; WTAP; PAWR; UBE2I; TP63; FHL2; TP73; PRKACA; CREBBP; U2AF2; PAX2; AREG;
Replacement Item	This item may replace item sc-15421 from Santa Cruz Biotechnology.
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Host: RabbitTarget Name: WT1Sample Type: Esophagus Tumor lysatesAntibody Dilution:
1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-WT1 antibody	This is a rabbit polyclonal antibody against WT1. It was validated on Western Blot Target Description: WT1 is 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. 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.
Product Categories/Family for anti-WT1 antibody	Polyclonal; Transcription Factor; Cancer; Transcription Regulation; Cell Cycle Proteins; Cell Biology; Developmental Biology; Mitochondria; Disease Related; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	65507817
NCBI GeneID	7490
NCBI Accession #	NP_077742.2
NCBI GenBank Nucleotide #	NM_024424.3
UniProt Accession #	P19544
Molecular Weight	47kDa
NCBI Official Full Name	Wilms tumor protein isoform B
NCBI Official Synonym Full Names	WT1 transcription factor
NCBI Official Symbol	WT1
NCBI Official Synonym Symbols	GUD; AWT1; WAGR; WT33; NPHS4; WIT-2
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.