

ARG64032 anti-WT1 / Wilms tumor 1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes WT1 / Wilms tumor 1
Tested Reactivity	Hu
Tested Application	WB
Specificity	This antibody is expected to recognise all four reported isoforms (NP_000369.3, NP_077742.2, NP_077743.2, NP_077744.3).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	WT1 / Wilms tumor 1
Species	Human
Immunogen	QDPASTCVPEPASQH
Conjugation	Un-conjugated
Alternate Names	WIT-2; EWS-WT1; GUD; WAGR; AWT1; Wilms tumor protein; NPHS4; WT33

Application Instructions

Application table	Application	Dilution
	WB	1 - 3 µg/ml

Application Note
WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 7490 Human](#)

[Swiss-port # P19544 Human](#)

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 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. [provided by RefSeq, Oct 2010]

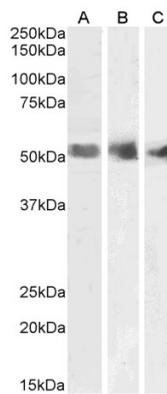
Research Area

Cancer antibody; Controls and Markers antibody; Developmental Biology antibody; Gene Regulation antibody

Calculated Mw

49 kDa

Images



ARG64032 anti-WT1 / Wilms tumor 1 antibody WB image

Western blot: 35 μ g of Human spleen (A), kidney (B) and testis (C) lysates (in RIPA buffer) stained with ARG64032 anti-WT1 / Wilms tumor 1 antibody at 1 μ g/ml dilution and incubated at RT for 1 hour.