WT1-AS polyclonal antibody

Catalog: BS60050 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

Wilms' tumor is a neoplasm of the kidneys that usually occurs in children and is characterized by the presence of abortive tubules and glomeruli surrounded by a spindled cell stroma. The 11p13 Wilms' tumor locus consists of two coordinately regulated transcripts, WT1 and WIT-1, which are mutated in Wilms' tumors. Wilms' tumor upstream neighbor 1 (WIT-1) is encoded by an intron-less gene upstream of the Wilms' tumor 1 (WT1) gene, which is is important for nephrogenesis and gonadal growth. The WT1 gene is bi-directionally transcribed from the same promoter region as WIT-1, which may function as an antisense regulator of WT1. WIT-1 and WT1 have the same temporal and cell-restricted expression pattern, although the expression of WIT-1 is less abundant. Methylation of the WIT-1 gene is implicated in hematologic malignancy of chemoresistant acute myeloid leukemia. Single nucleotide polymorphisms (SNPs) in the WIT-1 gene are significantly associated with focal segmental glomerulosclerosis.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 15 kDa

Swiss-Prot:

Q06250

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

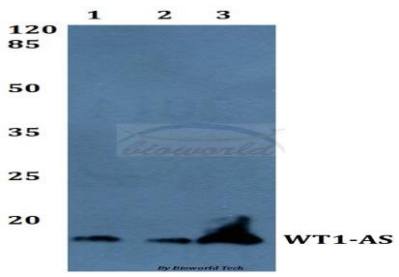
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

WT1-AS polyclonal antibody detects endogenous levels of WT1-AS protein.

DATA:



Western blot (WB) analysis of WT1-AS polyclonal antibody at 1:500 dilution

Lane1:A549 whole cell lysate

Lane2:Raw264.7 whole cell lysate

Lane3:H9C2 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.
Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA.
Email: info@bioworlde.com
Tel: 6123263284
Fax: 6122933841

Bioworld technology, co. Ltd.
Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.
Email: info@biogot.com
Tel: 0086-025-68037686
Fax: 0086-025-68035151