

产品名称: WTAP Rabbit Polyclonal Antibody
产品货号: AP Rab19938



产品概述 (Summary)

产品名称 (Production Name)	WTAP Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	WTAP WTAP; KIAA0105; Pre-mRNA-splicing regulator WTAP; Female-lethal(2)D
别名 (Alternative Names)	homolog; hFL(2)D; WT1-associated protein; Wilms tumor 1-associating protein
基因 ID (Gene ID)	9589.0
蛋白 ID (SwissProt ID)	Q15007.The antiserum was produced against synthesized peptide derived from human WTAP. AA range:321-370

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	55kDa

产品名称: WTAP Rabbit Polyclonal Antibody
产品货号: APRab19938



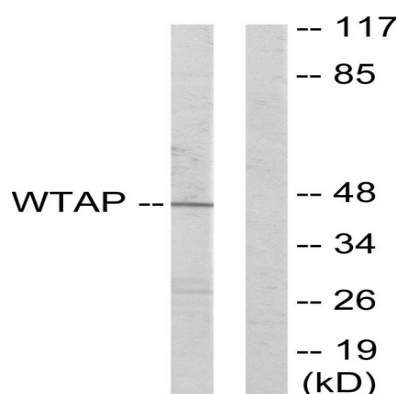
研究背景 (Background)

The Wilms tumor suppressor gene WT1 appears to play a role in both transcriptional and posttranscriptional regulation of certain cellular genes. This gene encodes a WT1-associating protein, which is a ubiquitously expressed nuclear protein. Like WT1 protein, this protein is localized throughout the nucleoplasm as well as in speckles and partially colocalizes with splicing factors. Alternative splicing of this gene results in several transcript variants encoding three different isoforms. [provided by RefSeq, Jul 2012],function:Regulates G2/M cell-cycle transition by binding to the 3' UTR of CCNA2, which enhances its stability. Impairs WT1 DNA-binding ability and inhibits expression of WT1 target genes. May be involved in mRNA splicing regulation.,induction:In smooth muscle cells, up-regulated after serum withdrawal, when cells become mature and non proliferative.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the fl(2)d family.,subunit:Interacts with WT1.,tissue specificity:Ubiquitously expressed.,

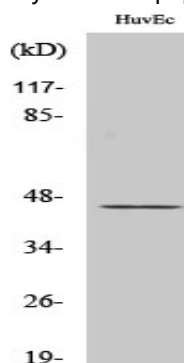
研究领域 (Research Area)

Epigenetics and Nuclear Signaling

图片 (Image Data)



Western blot analysis of lysates from HUVEC cells, using WTAP Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using WTAP Polyclonal Antibody diluted at 1: 500. Secondary antibody was diluted at

产品名称: WTAP Rabbit Polyclonal Antibody
产品货号: APRab19938



1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Invent biotech, MN, USA) .

注意事项 (Note)

For research use only .