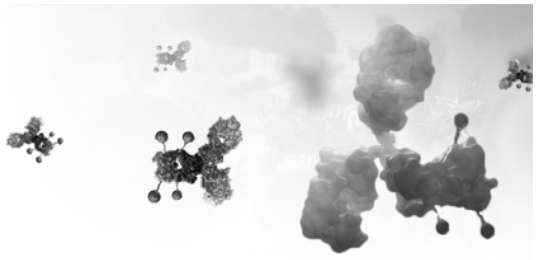

Anti-WTIP (aa 258-271) polyclonal antibody (DPABH-01502)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Adapter or scaffold protein which participates in the assembly of numerous protein complexes and is involved in several cellular processes such as cell fate determination, cytoskeletal organization, repression of gene transcription, cell-cell adhesion, cell differentiation, proliferation and migration. Positively regulates microRNA (miRNA)-mediated gene silencing. Negatively regulates Hippo signaling pathway and antagonizes phosphorylation of YAP1. Acts as a transcriptional corepressor for SNAI1 and SNAI2/SLUG-dependent repression of E-cadherin transcription. Acts as a hypoxic regulator by bridging an association between the prolyl hydroxylases and VHL enabling efficient degradation of HIF1A. In podocytes, may play a role in the regulation of actin dynamics and/or foot process cytoarchitecture (By similarity). In the course of podocyte injury, shuttles into the nucleus and acts as a transcription regulator that represses WT1-dependent transcription regulation, thereby translating changes in slit diaphragm structure into altered gene expression and a less differentiated phenotype.
Immunogen	Synthetic peptide: RRLRGKAFYNVGEKC conjugated to KLH, corresponding to amino acids 258-271 of Human WTIP
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid

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Size	100 µg
Buffer	Constituent: PBS
Preservative	0.09% Sodium Azide
Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	WTIP Wilms tumor 2 interacting protein [Homo sapiens]
Official Symbol	WTIP
Synonyms	WTIP; Wilms tumor 1 interacting protein; Wilms tumor protein 1-interacting protein; WT1-interacting protein;
Entrez Gene ID	126374
Protein Refseq	NP_001073905.1
UniProt ID	A6NIX2
Pathway	Hippo signaling pathway;
Function	protein binding; transcription corepressor activity; zinc ion binding;

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