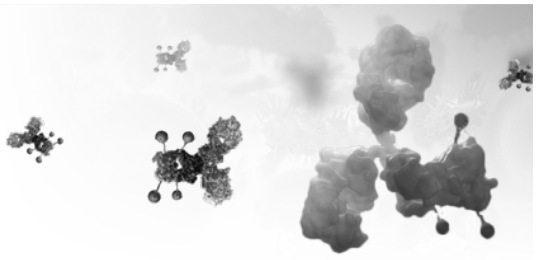

Anti-STRAP (aa 25-289) polyclonal antibody (DPABH-08292)

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

PRODUCT INFORMATION

Antigen Description	Unrip is part of the SMN complex that plays a role in snRNP assembly in the cytoplasm and pre mRNA splicing in the nucleus. Unrip interacts directly with Gemin 6 and Gemin 7 in the SMN complex. It is associated with the complex in the cytoplasm but not in the nucleus and thus is thought to play a role in its subcellular localisation. It is a ubiquitously expressed protein that acts as an inhibitor of TGF-beta signaling and an important regulator of cell proliferation. Stable expression of STRAP results in activation of the mitogen-activated protein kinase/extracellular signal-regulated kinase pathway and in down-regulation of the cyclin-dependent kinase inhibitor p21 (Cip1), which results in retinoblastoma protein hyperphosphorylation. Upregulation of STRAP might play a role in tumor development as an early event for colorectal cancers. It is the first component of the U snRNP assembly machinery that associates with SMN complex in a compartment-specific way and plays a crucial role in the intracellular distribution of SMN1.
Immunogen	Recombinant protein fragment, corresponding to a region within amino acids 25-289 of Human Unrip (AAH00162).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	50 µl

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Buffer	Constituents: 20% Glycerol, 1% BSA, 1X PBS, pH 7
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	STRAP serine/threonine kinase receptor associated protein [Homo sapiens]
Official Symbol	STRAP
Synonyms	STRAP; serine/threonine kinase receptor associated protein; MAWD; PT-WD; UNRIP; serine-threonine kinase receptor-associated protein; unr-interacting protein; WD-40 repeat protein PT-WD; MAP activator with WD repeats;
Entrez Gene ID	11171
Protein Refseq	NP_009109.3
UniProt ID	Q9Y3F4
Pathway	Disease; Loss of Function of SMAD2/3 in Cancer; Loss of Function of TGFBR1 in Cancer; RNA transport
Function	poly(A) RNA binding; protein binding; receptor binding;

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