

Immunotag™ PR40A Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN1097
Product Description	Immunotag™ PR40A Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PR40A
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	Synthesized peptide derived from human protein . at AA range: 450-530
Specificity	PR40A Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	PRPF40A FBP11 FLAF1 FBNP3 HIP10 HYPA HSPC225
Accession No.	O75400 Q9R1C7

Antibody Specification

Description	domain:The WW domains are essential for localization to nuclear speckles.,function:Binds to WASL/N-WASP and suppresses its translocation from the nucleus to the cytoplasm, thereby inhibiting its cytoplasmic function (By similarity). May be involved in pre-mRNA splicing.,sequence caution:Contaminating sequence. Potential poly-A sequence starting in position 409.,sequence caution:Contaminating sequence. Potential poly-A sequence.,similarity:Belongs to the PRPF40 family.,similarity:Contains 2 WW domains.,similarity:Contains 5 FF domains.,subunit:Interacts with the N-terminus of HTT. Interacts with the phosphorylated carboxyterminal domain of POLR2A. Interacts with SF1, SRPK1 CARD8, ATBF1 and MECP2 (By similarity). Interacts through the WW domains with formin proline-rich regions and with WASL/N-WASP.,tissue specificity:Widely expressed.,
Cell Pathway/ Category	Spliceosome,
Protein Expression	Epithelium,Frontal cortex,Liver,Lymphoma,Placenta,Smooth mu
Subcellular Localization	nucleoplasm,U1 snRNP,cytoplasm,membrane,nuclear matrix,nuclear speck,U2-type prespliceosome,
Protein Function	domain:The WW domains are essential for localization to nuclear speckles.,function:Binds to WASL/N-WASP and suppresses its translocation from the nucleus to the cytoplasm, thereby inhibiting its cytoplasmic function (By similarity). May be involved in pre-mRNA splicing.,sequence caution:Contaminating sequence. Potential poly-A sequence starting in position 409.,sequence caution:Contaminating sequence. Potential poly-A sequence.,similarity:Belongs to the PRPF40 family.,similarity:Contains 2 WW domains.,similarity:Contains 5 FF domains.,subunit:Interacts with the N-terminus of HTT. Interacts with the phosphorylated carboxyterminal domain of POLR2A. Interacts with SF1, SRPK1 CARD8, ATBF1 and MECP2 (By similarity). Interacts through the WW domains with formin proline-rich regions and with WASL/N-WASP.,tissue specificity:Widely expressed.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.