

Immunotag™ MPP10 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT5079
Product Description	Immunotag™ MPP10 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	MPP10
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	Synthesized peptide derived from MPP10 . at AA range: 60-140
Specificity	MPP10 Polyclonal Antibody detects endogenous levels of MPP10 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	MPHOSPH10
Accession No.	O00566 Q810V0
Alternate Names	MPHOSPH10; MPP10; U3 small nucleolar ribonucleoprotein protein MPP10; M phase phosphoprotein 10

Antibody Specification

Description	M-phase phosphoprotein 10(MPHOSPH10) Homo sapiens This gene encodes a protein that is phosphorylated during mitosis. The protein localizes to the nucleolus during interphase and to the chromosomes during M phase. The protein associates with the U3 small nucleolar ribonucleoprotein 60-80S complexes and may be involved in pre-rRNA processing. [provided by RefSeq, Dec 2010],
Protein Expression	Blood,Brain,Epithelium,Mammary cancer,Placenta,Prostate,
Subcellular Localization	nucleoplasm,chromosome,nucleolus,small nucleolar ribonucleoprotein complex,small-subunit processome,Mpp10 complex,
Protein Function	function:Component of the 60-80S U3 small nucleolar ribonucleoprotein (U3 snoRNP). Required for the early cleavages during pre-18S ribosomal RNA processing.,PTM:Phosphorylated in M (mitotic) phase.,similarity:Belongs to the MPP10 family.,subcellular location:Fibrillar region of the nucleolus. After dissolution of the nucleolus in early M phase becomes associated with chromosomes through metaphase and anaphase. In telophase localized to small cellular prenucleolar bodies that not always contain fibrillarin. The reassociation with nucleolus is preceeded by the arrival of fibrillarin.,subunit:Component of a heterotrimeric complex containing IMP3, IMP4 and MPHOSPH10. Interacts with IMP3 and IMP4.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.