

Immunotag™ PP32R1 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT3833
Product Description	Immunotag™ PP32R1 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	PP32R1
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	The antiserum was produced against synthesized peptide derived from human ANP32C. AA range:121-170
Specificity	PP32R1 Polyclonal Antibody detects endogenous levels of PP32R1 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	ANP32C
Accession No.	O43423 Q64G17
Alternate Names	ANP32C; PP32R1; Acidic leucine-rich nuclear phosphoprotein 32 family member C; Phosphoprotein 32-related protein 1; Tumorigenic protein pp32r1

Antibody Specification

Description	acidic nuclear phosphoprotein 32 family member C(ANP32C) Homo sapiens Phosphoprotein 32 (PP32) is a tumor suppressor that can inhibit several types of cancers, including prostate and breast cancers. The protein encoded by this gene is one of at least two proteins that are similar in amino acid sequence to PP32 and are part of the same acidic nuclear phosphoprotein gene family. However, unlike PP32, the encoded protein is tumorigenic. The tumor suppressor function of PP32 has been localized to a 25 amino acid region that is divergent between PP32 and the protein encoded by this gene. This gene does not contain introns. [provided by RefSeq, Jul 2008],
Subcellular Localization	nucleus,
Protein Function	caution:The His-140 polymorphism is uncertain. It has been found in prostatic cell line without corresponding normal tissue sample. Cells transfected with this variant expressed at least twice as much proteins than native cells.,similarity:Belongs to the ANP32 family.,similarity:Contains 4 LRR (leucine-rich) repeats.,tissue specificity:Expressed in activated stem cells, such as mobilized CD34+ cells and cord blood CD34+ cells, but not in resting bone marrow CD34+ cells. Expressed in a variety of neoplastic cell lines, mainly in prostatic adenocarcinoma cell lines. Not expressed in normal protastic tissue.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.