

Immunotag™ NUCKS Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT3207
Product Description	Immunotag™ NUCKS 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	NUCKS
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	IHC-p,ELISA
Recommended Dilution	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	Synthesized peptide derived from NUCKS, at AA range: 40-120
Specificity	NUCKS Polyclonal Antibody detects endogenous levels of NUCKS 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	NUCKS1
Accession No.	Q9H1E3 Q80XU3 Q9EPJ0
Alternate Names	NUCKS1; NUCKS; JC7; Nuclear ubiquitous casein and cyclin-dependent kinase substrate 1; P1

Antibody Specification

Description	nuclear casein kinase and cyclin dependent kinase substrate 1(NUCKS1) Homo sapiens This gene encodes a nuclear protein that is highly conserved in vertebrates. The conserved regions of the protein contain several consensus phosphorylation sites for casein kinase II and cyclin-dependent kinases, two putative nuclear localization signals, and a basic DNA-binding domain. It is phosphorylated in vivo by Cdk1 during mitosis of the cell cycle. [provided by RefSeq, Aug 2010],
Protein Expression	Blood,Brain,Colon,Epithelium,Hepatocyte,Liv
Subcellular Localization	chromatin,nuclear chromatin,nucleus,cytoplasm,
Protein Function	PTM:Phosphorylated by CDK1 and casein kinase. Phosphorylated upon DNA damage, probably by ATM or ATR.,sequence caution:Translated as Arg.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.