

## Immunotag™ NPA1 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT3178
Product Description	Immunotag™ NPA1 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	NPA1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	IHC-p,ELISA
Recommended Dilution	Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. 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 URB1. AA range:2013-2062
Specificity	NPA1 Polyclonal Antibody detects endogenous levels of NPA1 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	URB1
Accession No.	O60287 Q571H0
Alternate Names	URB1; C21orf108; KIAA0539; NOP254; NPA1; Nucleolar pre-ribosomal-associated protein 1; Nucleolar protein 254 kDa; URB1 ribosome biogenesis 1 homolog

## Antibody Specification

Description	URB1, also named as C21orf108, KIAA0539 and NPA1, is a 2271 amino acid protein that is homologous to the <i>S. cerevisiae</i> protein URB1 which is a nucleolar protein involved in the normal accumulation of 25S and 5. S rRNAs and may also play a role in the biosynthesis of the 60S ribosomal unit. Also localized to the nucleolus, human URB1 is thought to have the same functions as <i>S. cerevisiae</i> URB1. The antibody is specific to URB1.
Protein Expression	Brain,Epithelium,Placenta,T-cell,
Subcellular Localization	nucleolus,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.