

## Product datasheet for **TA322902**

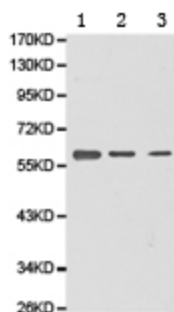
### UAP1 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-2000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to N terminal 290 amino acids of human UDP-N-acetylglucosamine pyrophosphorylase 1
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	57 kDa
Gene Name:	UDP-N-acetylglucosamine pyrophosphorylase 1
Database Link:	<a href="#">NP_003106</a> <a href="#">Entrez Gene 107652</a> <a href="#">MouseEntrez Gene 498272</a> <a href="#">RatEntrez Gene 6675</a> <a href="#">Human Q16222</a>
Background:	UAP1 belongs to the DPGP type 1 family. It converts UDP and GlcNAc-1-P into UDP-GlcNAc, and UDP and GalNAc-1-P into UDP-GalNAc. Isoform AGX1 has 2 to 3 times higher activity towards GalNAc-1-P, while isoform AGX2 has 8 times more activity towards GlcNAc-1-P.
Synonyms:	AGX; AGX1; AGX2; SPAG2
Protein Pathways:	Amino sugar and nucleotide sugar metabolism, Metabolic pathways



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**Product images:**

Predicted band size: 57 kDa. Positive control: A549 and Jurkat cell, testis tissue lysate. Recommended dilution: 1/500-2000. (Gel: 10%SDS-PAGE Lane 1: A549 cell lysate Lane 2: Jurkat cell lysate Lane 3: Testis tissue lysate Lysates: 40 ug per lane Primary antibody: 1/500 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 1 minute)