

Anti-UAP1 antibody

Cat. No.	ml224126
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-UAP1 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human UAP1
Reactivity	Human
Content	0.5 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	UAP1
Full name	UDP-N-acetylglucosamine pyrophosphorylase 1

Synonyms AGX; AGX1; AGX2; SPAG2

Swissprot Q16222

Target 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.

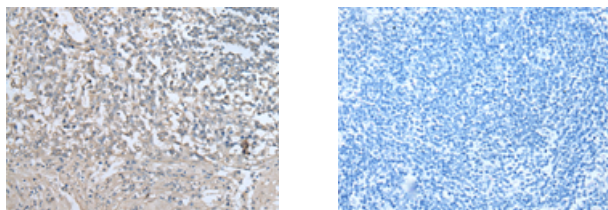
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human tonsil

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using ml224126(UAP1 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 59 kDa

Positive control: Human testis tissue lysate

Recommended dilution: 200-1000

Gel: 6%SDS-PAGE

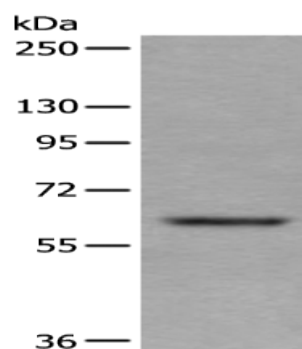
Lysate: 40 μ g

Lane: Human testis tissue lysate

Primary antibody: ml224126(UAP1 Antibody) at dilution 1/250

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



ELISA

Recommended dilution: 5000-10000

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