

# Uap1 antibody - C-terminal region

Rabbit Polyclonal Antibody

Catalog # AI12998

## Product Information

<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q91YN5</a>
<b>Other Accession</b>	<a href="#">NM_133806</a> , <a href="#">NP_598567</a>
<b>Reactivity</b>	Human, Mouse, Rat, Rabbit, Zebrafish, Dog, Guinea Pig, Horse, Bovine, Yeast
<b>Predicted</b>	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Chicken, Dog, Guinea Pig, Horse, Bovine
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	58609

## Additional Information

<b>Gene ID</b>	107652
<b>Alias Symbol</b>	AA420407, AA437972, AGX-1, AGX-2, AGX1, AgX, ESTM38, SPAG2
<b>Other Names</b>	UDP-N-acetylhexosamine pyrophosphorylase, UDP-N-acetylgalactosamine pyrophosphorylase, 2.7.7.83, UDP-N-acetylglucosamine pyrophosphorylase, 2.7.7.23, Uap1
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	Add 50 ul of distilled water. Final anti-Uap1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
<b>Precautions</b>	Uap1 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

<b>Name</b>	Uap1 {ECO:0000312 MGI:MGI:1334459}
<b>Function</b>	Catalyzes the last step in biosynthesis of uridine diphosphate-N-acetylglucosamine (UDP-GlcNAc) by converting UTP and glucosamine 1-phosphate (GlcNAc-1-P) to the sugar nucleotide (By similarity). Also converts UTP and galactosamine 1-phosphate (GalNAc-1-P) into uridine diphosphate-N-acetylgalactosamine (UDP-GalNAc) (By similarity). In addition to its role in metabolism, acts as a regulator of innate immunity in response to virus infection (PubMed: <a href="#">36603579</a> ). Regulates innate immunity by catalyzing pyrophosphorylation of IRF3 phosphorylated at 'Ser-386' by TBK1,

promoting IRF3 dimerization and activation, leading to type I interferon responses (By similarity).

**Cellular Location**

Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q16222}

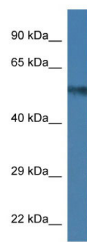
## References

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Carninci P.,et al.Science 309:1559-1563(2005).

## Images

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WB Suggested Anti-Uap1 Antibody Titration: 1.0 µg/ml  
Positive Control: Mouse Brain

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.