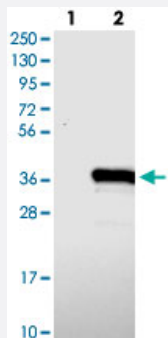


# TYW3 polyclonal antibody

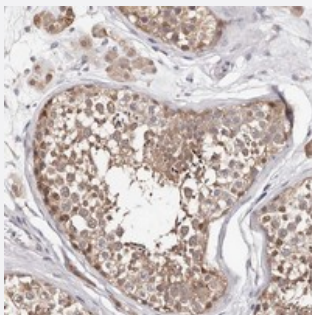
Catalog # PAB22321      Size 100 uL

## Applications



### Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate), Lane 2: Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells) with TYW3 polyclonal antibody (Cat # PAB22321) at 1:250-1:500 dilution.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human testis with TYW3 polyclonal antibody (Cat # PAB22321) shows moderate cytoplasmic positivity in seminiferous duct cells at 1:500-1:1000 dilution.

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against recombinant TYW3.
<b>Immunogen</b>	Recombinant protein corresponding to amino acids of human TYW3.
<b>Sequence</b>	EFRKWKAQCLSKADLSRKGSVDEDVVELVQFLNMRDQFFTTSSCAGRILLDRGINGFEVQKQN CCWLLVTHKLCVKDDVIV
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Form</b>	Liquid

<b>Purification</b>	Antigen affinity purification
<b>Isotype</b>	IgG
<b>Recommend Usage</b>	Immunohistochemistry (1:500-1:1000) Western Blot (1:250-1:500) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Transfected lysate)

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## Gene Info — TYW3

<b>Entrez GeneID</b>	<a href="#">127253</a>
<b>Protein Accession#</b>	<a href="#">Q6IPR3</a>
<b>Gene Name</b>	TYW3
<b>Gene Alias</b>	C1orf171, FLJ40918
<b>Gene Description</b>	tRNA-yW synthesizing protein 3 homolog (S. cerevisiae)
<b>Omim ID</b>	<a href="#">611245</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>

**Gene Summary**

Wybutosine (yW) is a hypermodified guanosine at the 3-prime position adjacent to the anticodon of phenylalanine tRNA that stabilizes codon-anticodon interactions during decoding on the ribosome. TYW3 is the human homolog of a yeast gene essential for yW synthesis (Noma and Suzuki, 2006).[supplied by OMIM]

**Other Designations**

OTTHUMP00000011215|tRNA-yW synthesizing protein 3 homolog