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Datasheet for ABIN2785014  
**anti-TYW3 antibody (N-Term)**

1 Image

Overview

Quantity:	100 µL
Target:	TYW3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Horse, Rat, Cow, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TYW3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human TYW3
Sequence:	KAQCLSKADL SRKGSVDEDV VELVQFLNMR DQFFTTSSCA GRILLDRGI
Predicted Reactivity:	Cow: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against TYW3. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	TYW3
Alternative Name:	TYW3 ( <a href="#">TYW3 Products</a> )

## Target Details

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Background: 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 .  
Protein Size: 226

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Molecular Weight: 24 kDa

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Gene ID: 127253

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## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 mg/mL

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Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Handling Advice: Avoid repeat freeze-thaw cycles.

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Storage: -20 °C

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Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

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### Western Blotting

Image 1.