

Product datasheet for **TA320095**

TYW3 Rabbit Polyclonal Antibody

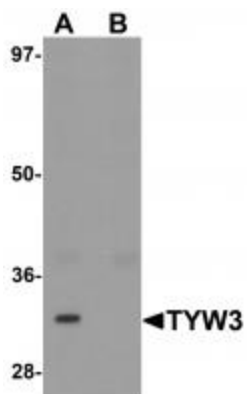
Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1 ug/mL
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	TYW3 antibody was raised against a 17 amino acid synthetic peptide near the center of human TYW3.
Formulation:	TYW3 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	TYW3 Antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	tRNA-yW synthesizing protein 3 homolog
Database Link:	NP_001156388 Entrez Gene 209584 Mouse Entrez Gene 127253 Human Q6IPR3
Background:	TYW3 Antibody: TYW3 is an enzyme that participates in the wybutosine-tRNA (Phe) biosynthesis pathway. 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 involved in a multistep enzymatic reaction that stabilizes codon-anticodon base-pairing during the ribosomal decoding process, thereby ensuring correct translation.
Synonyms:	C1orf171



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Product images:



Western blot analysis of TYW3 in A549 cell lysate with TYW3 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.