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Datasheet for ABIN6991542 anti-TYW3 antibody (AA 160-210)



Overview

| Overview | |
|----------------------|---|
| Quantity: | 0.1 mg |
| Target: | TYW3 |
| Binding Specificity: | AA 160-210 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This TYW3 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA |
| Product Details | |
| Immunogen: | TYW3 antibody was raised against a 17 amino acid synthetic peptide near the center of human |
| | TYW3. The immunogen is located within amino acids 160 - 210 of TYW3. |
| Isotype: | lgG |
| Specificity: | TYW3 antibody is predicted to not cross-react with other TYW protein family members. At least |
| | two isoforms of TYW3 are known to exist, this antibody will detect both isoforms. |
| Purification: | TYW3 Antibody is affinity chromatography purified via peptide column. |
| Target Details | |
| Target: | TYW3 |
| Alternative Name: | TYW3 (TYW3 Products) |
| | |

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/2 | Product datasheet for ABIN6991542 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

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| 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. |
| Gene ID: | 127253 |
| UniProt: | Q6IPR3 |
| Application Details | |
| Application Notes: | TYW3 antibody can be used for detection of TYW3 by Western blot at 1 $\mu,g/mL$ |
| | Antibody validated: Western Blot in human samples. All other applications and species not yet |
| | tested. |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | TYW3 Antibody is supplied in PBS containing 0.02 % sodium azide. |
| | |
| Preservative: | Sodium azide |
| Preservative: Precaution of Use: | |
| | Sodium azide |
| | Sodium azide This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which |
| Precaution of Use: | Sodium azide This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Precaution of Use: Storage: | Sodium azide This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. 4 °C |