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Datasheet for ABIN2787278
anti-GUF1 antibody (C-Term)

1 Image

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | GUF1 |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Zebrafish (Danio rerio), Horse, Rabbit, Saccharomyces cerevisiae |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This GUF1 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | The immunogen is a synthetic peptide corresponding to a region of Mouse |
| Sequence: | YLFPLNEIVV DFYDSLKSLG SGYASFDYED AGYQTAELVK MDILLNGNMV |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Yeast: 90%, Zebrafish: 79% |
| Characteristics: | This is a rabbit polyclonal antibody against Guf1. It was validated on Western Blot. |
| Purification: | Affinity Purified |

Target Details

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| Target: | GUF1 |
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Target Details

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|-------------------|---|
| Alternative Name: | Guf1 (GUF1 Products) |
| Background: | <p>Guf1 promotes mitochondrial protein synthesis. It may act as a fidelity factor of the translation reaction, by catalyzing a one-codon backward translocation of tRNAs on improperly translocated ribosomes. It binds to mitochondrial ribosomes in a GTP-dependent manner.</p> <p>Alias Symbols: 4631409J12, AA407526, EF-4</p> <p>Protein Size: 651</p> |
| Molecular Weight: | 72 kDa |
| Gene ID: | 231279 |
| NCBI Accession: | NM_172711 , NP_766299 |
| UniProt: | Q8C3X4 |

Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 651 AA |
| Restrictions: | For Research Use only |

Handling

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|--------------------|---|
| Format: | Liquid |
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |
| 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. |



Rabbit Anti-Guf1 Antibody
Catalog Number: ARP57564
Lot Number: QC28522
Lane: Mouse Brain Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 1.