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Datasheet for ABIN1536735 anti-ITPA antibody (C-Term)

Image



Overview

| Quantity: | 400 µL |
|----------------------|-------------------------------------|
| Target: | ΙΤΡΑ |
| Binding Specificity: | AA 149-178, C-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ITPA antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| Immunogen: | This ITPA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 149-178 amino acids from the C-terminal region of human ITPA. |
|---------------|--|
| Clone: | RB39180 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

| Target: | ITPA |
|-------------------|---|
| Alternative Name: | ITPA (ITPA Products) |
| Background: | The protein encoded by this gene hydrolyzes inosine triphosphate and deoxyinosine |

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Target Details

| | triphosphate to the monophosphate nucleotide and diphosphate. The encoded protein, which is a member of the HAM1 NTPase protein family, is found in the cytoplasm and acts as a homodimer. Defects in the encoded protein can result in inosine triphosphate pyrophosphorylase deficiency. Two transcript variants encoding two different isoforms have been found for this gene. Also, at least two other transcript variants have been identified which are probably regulatory rather than protein-coding. |
|---------------------|--|
| Molecular Weight: | 21446 |
| Gene ID: | 3704 |
| NCBI Accession: | NP_001254552, NP_258412, NP_852470 |
| UniProt: | Q9BY32 |
| Application Details | |
| Application Notes: | WB: 1:1000 |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | ITPA Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C. |
| | |

Expiry Date:

6 months

| MDA | MB453 |
|-----|-------|
| 55 | - |
| 36 | |
| 28 | •4 |
| 17 | |
| 10 | |
| 103 | |

Western Blotting

Image 1. IT Antibody (C-term) (ABIN1536735 and ABIN2850350) western blot analysis in MDA-M cell line lysates (35 µg/lane).This demonstrates the IT antibody detected the IT protein (arrow).

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