

Datasheet for ABIN2789181

anti-MRPS11 antibody (Middle Region)





Overview

Background:

| Quantity: | 100 μL |
|-----------------------|---|
| Target: | MRPS11 |
| Binding Specificity: | Middle Region |
| Reactivity: | Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MRPS11 antibody is un-conjugated |
| Application: | Western Blotting (WB) |
| Product Details | |
| Sequence: | GTEGFRNAKK GTGIAAQTAG IAAAARAKQK GVIHIRVVVK GLGPGRLSAM |
| Predicted Reactivity: | Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100% |
| Characteristics: | This is a rabbit polyclonal antibody against MRPS11. It was validated on Western Blot. |
| Purification: | Affinity Purified |
| Target Details | |
| Target: | MRPS11 |
| Alternative Name: | MRPS11 (MRPS11 Products) |
| Dealmann | Manageration write also addict all access to materiae our amonded by my clean ways and balls in restain |

Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein

synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 28S subunit protein that contains a high level of sequence similarity with ribosomal protein S11P family members. A pseudogene corresponding to this gene is found on chromosome 20. Sequence analysis identified two transcript variants that encode different protein isoforms.

Alias Symbols: FLJ22512, FLJ23406, HCC-2

Protein Interaction Partner: CEP57, CEP76, SRPK1, MRPS14, SAMM50, RPL23, RPS26, RPS23,

RPL9, CUL3, COPS5, UBC, ICT1,

Protein Size: 161

| Molecular Weight: | 17 kDa |
|-------------------|----------------------------|
| Gene ID: | 64963 |
| NCBI Accession: | NM_001145838, NP_001139310 |
| UniProt: | E7EP84 |

Application Details

| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
|--------------------|--|
| Comment: | Antigen size: 161 AA |
| Restrictions: | For Research Use only |

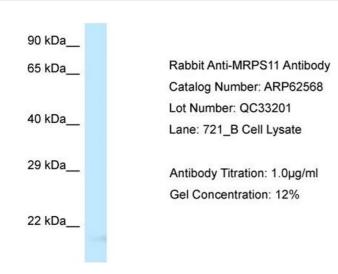
Handling

| 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 |

Handling

| | 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. |

Images



Western Blotting

Image 1.