



Datasheet for ABIN1108698
anti-POP7 antibody



[Go to Product page](#)

1 Image

Overview

| | |
|--------------|---|
| Quantity: | 0.1 mg |
| Target: | POP7 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This POP7 antibody is un-conjugated |
| Application: | Western Blotting (WB), Enzyme Immunoassay (EIA) |

Product Details

| | |
|-----------------------------|--|
| Immunogen: | Recombinant GST-hRPP20 (NCBI accession number AAC24113, expression vector pGEC-2T), expressed in E.coli. |
| Clone: | 1F11 |
| Isotype: | IgG2a |
| Specificity: | Specificity has been tested in ELISA. In immunoblotting, under less stringent washing conditions, a weaker band of approximately 60 kDa is also detected (Figure 1, Right Panel). Additional tests for cross reactivity have not yet been performed. |
| Cross-Reactivity (Details): | Species reactivity (tested):Human. |
| Purification: | Purified |

Target Details

| | |
|---------|------|
| Target: | POP7 |
|---------|------|

Target Details

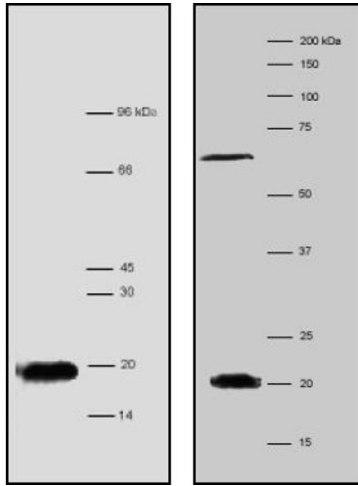
| | |
|-------------------|---|
| Alternative Name: | POP7 (POP7 Products) |
| Background: | The nuclei of eukaryotic cells contain several classes of small RNA-protein complexes. SnRNPs (small nuclear ribonucleoproteins) are involved in splicing of pre-mRNAs (the excision of introns) in the nucleoplasm. RPP20 is part of such a complex. SnoRNPs (small nucleolar ribonucleoproteins) are involved in the maturation of pre-ribosomal RNA in the nucleoli. Pre-rRNA processing and modification require both the snoRNA and the protein constituents (such as Rpp20) of these complexes. Generally, snoRNPs contain a number of common proteins, which are shared with other snoRNPs of the same family, next to several particle-specific proteins. On average, snoRNPs contain about 6-10 protein subunits. Synonyms: RPP20, Ribonuclease P protein subunit p20, Ribonucleases P/MRP protein subunit POP7 homolog, hPOP7 |
| Molecular Weight: | 20 kDa |
| Gene ID: | 10248 |
| NCBI Accession: | NP_005828 |
| UniProt: | O75817 |

Application Details

| | |
|--------------------|--|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

Handling

| | |
|--------------------|---|
| Reconstitution: | Dissolve in 200 µL buffer for a 0.5 mg/mL antibody concentration in 1 % BSA |
| Concentration: | 0.5 mg/mL (when dissolved at 0.5 mg/mL, the BSA concentration will be 1%) |
| Buffer: | 10 mM Ammonium Bicarbonate buffer, 2 mg BSA |
| Precaution of Use: | Be careful opening the vial since the antibody resides in a Vacuum. |
| Storage: | 4 °C |
| Storage Comment: | Store the antibody undiluted at 2-8 °C or Add up to 0.05% Sodium Azide for long term storage. |



Western Blotting

Image 1.