antibodies - online.com







anti-POP5 antibody (Middle Region)

Images



Overview

| Quantity: | 100 μL |
|----------------------|---|
| Target: | POP5 |
| Binding Specificity: | Middle Region |
| Reactivity: | Human, Rat, Guinea Pig, Horse, Mouse, Zebrafish (Danio rerio), Cow, Rabbit, Dog |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This POP5 antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

| Immunogen: | The immunogen is a synthetic peptide directed towards the middle region of human POP5 |
|-----------------------|--|
| Sequence: | KEFYQLVWSA LPFITYLENK GHRYPCFFNT LHVGGTIRTC QKFLIQYNRR |
| Predicted Reactivity: | Cow: 93%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Zebrafish: 75% |
| Characteristics: | This is a rabbit polyclonal antibody against POP5. It was validated on Western Blot. |
| Purification: | Affinity Purified |

Target Details

| Target: | POP5 |
|-------------------|----------------------|
| Alternative Name: | POP5 (POP5 Products) |

Target Details

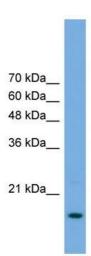
| Background: | POP5 is a component of ribonuclease P, a protein complex that generates mature tRNA |
|-------------------|--|
| | molecules by cleaving their 5'-ends.POP5 is also a component of RNase MRP. |
| | Alias Symbols: HSPC004, RPP2, RPP20, hPop5 |
| | Protein Interaction Partner: TRAF1, REL, CAMK2B, KRT40, CEP44, CCDC102B, UBC, RPP14, |
| | RPP25, POP5, POP4, POP1, |
| | Protein Size: 163 |
| Molecular Weight: | 19 kDa |
| Gene ID: | 51367 |
| NCBI Accession: | NM_015918, NP_057002 |
| UniProt: | Q969H6 |

Application Details

| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
|--------------------|--|
| Comment: | Antigen size: 163 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 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. |



Western Blotting

Image 1. WB Suggested Anti-POP5 Antibody Titration:

0.2-1 ug/ml

Positive Control: Transfected 293T

70 kDa__ 60 kDa__ 48 kDa__ 36 kDa__ 21 kDa__

Rabbit Anti-POP5 Antibody Catalog Number: ARP56773 Lot Number: QC28555

Lane: Transfected 293T Cell Lysate

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

Western Blotting

Image 2. WB Suggested Anti-POP5

Antibody Titration: 0.2-1 µg/mL

Positive Control: Transfected 293T