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Datasheet for ABIN391288

anti-UCKL1 antibody (N-Term)

2 Images

Overview

| | |
|----------------------|--|
| Quantity: | 400 µL |
| Target: | UCKL1 |
| Binding Specificity: | AA 60-90, N-Term |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

Product Details

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|-----------------------|--|
| Immunogen: | This URKL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 60-90 amino acids from the N-terminal region of human URKL1. |
| Clone: | RB5635 |
| Isotype: | Ig Fraction |
| Predicted Reactivity: | M |
| Purification: | This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |

Target Details

| | |
|-------------------|--|
| Target: | UCKL1 |
| Alternative Name: | URKL1 (UCKL1 Products) |

Target Details

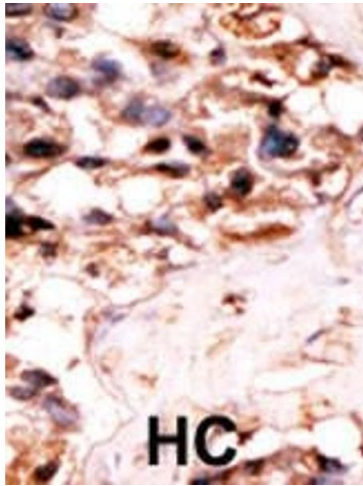
| | |
|-------------------|--|
| Background: | Uridine kinase is a key enzyme in the pyrimidine salvage pathway of all mammalian cells. URKL1 (uridine kinase-like 1) is highly similar in structure and sequence to uridine kinase. |
| Molecular Weight: | 61141 |
| Gene ID: | 54963 |
| NCBI Accession: | NP_001180308 , NP_060329 |
| UniProt: | Q9NWZ5 |
| Pathways: | Ribonucleoside Biosynthetic Process |

Application Details

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|--------------------|-----------------------------|
| Application Notes: | WB: 1:1000. IHC-P: 1:50~100 |
| Restrictions: | For Research Use only |

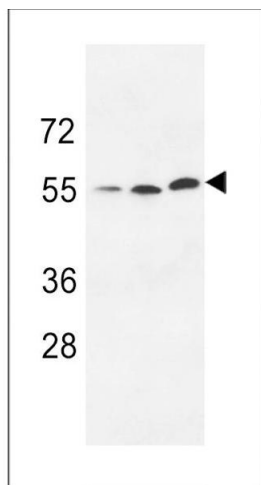
Handling

| | |
|--------------------|--|
| 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: | Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles. |
| Expiry Date: | 6 months |



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.



Western Blotting

Image 2. Western blot analysis of anti-URKL1 Pab (ABIN391288 and ABIN2841330) in 293 cell line lysate (35 μ g/lane). URKL1 (arrow) was detected using the purified Pab.