



[Go to Product page](#)

Datasheet for ABIN185190

anti-USH1C antibody (N-Term)

2 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µg |
| Target: | USH1C |
| Binding Specificity: | N-Term |
| Reactivity: | Human |
| Host: | Goat |
| Clonality: | Polyclonal |
| Conjugate: | This USH1C antibody is un-conjugated |
| Application: | ELISA, Western Blotting (WB), Immunohistochemistry (IHC) |

Product Details

| | |
|-------------------|---|
| Purpose: | USH1C / Harmonin |
| Immunogen: | DRKVAREFRHKVD-C |
| Sequence: | DRKVAREFRH KVD |
| Isotype: | IgG |
| Specificity: | This antibody is expected to recognize both reported isoforms (NP_005700.2 and NP_710142.1). |
| Cross-Reactivity: | Cow, Human, Mouse, Rat |
| Purification: | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| Grade: | Verified |

Target Details

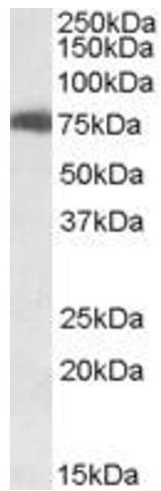
| | |
|-------------------|---|
| Target: | USH1C |
| Alternative Name: | USH1C (USH1C Products) |
| Background: | USH1C, harmonin, AIE-75, DFNB18, PDZ-45, PDZ-73, HARMONIN, NY-CO-37, NY-CO-38, PDZ-73/NY-CO-38, Usher syndrome 1C (autosomal recessive, severe), PDZ-73 protein, ush1cpst, deafness, autosomal recessive 18 |
| Gene ID: | 10083, 72088, 308596 |
| NCBI Accession: | NP_005700 , NP_710142 |
| Pathways: | Sensory Perception of Sound |

Application Details

| | |
|--------------------|--|
| Application Notes: | Western Blot: Approx 75 kDa band observed in lysates of cell line HEK293 (calculated MW of 62.2 kDa according to NP_005700.2). Recommended concentration: 0.1-0.3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000. |
| Restrictions: | For Research Use only |

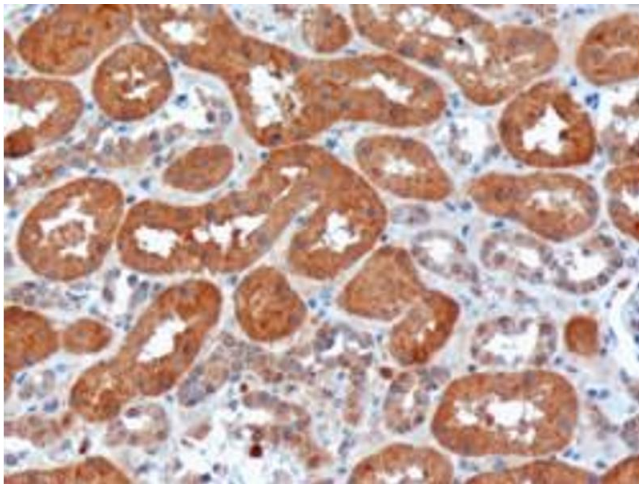
Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Concentration: | 0.5 mg/mL |
| Buffer: | Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. |
| 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: | Minimize freezing and thawing. |
| Storage: | -20 °C |
| Storage Comment: | Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable. |



Western Blotting

Image 1. ABIN185190 (0.1 μ g/ml) staining of HEK293 lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Immunohistochemistry

Image 2. ABIN185190 (10 μ g/ml) staining of paraffin embedded Human Kidney. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining. (Data have been obtained with ABIN185190 from a previous batch).