

## ARIH1 antibody

Catalog No: #31952

Package Size: #31952-1 50ul #31952-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

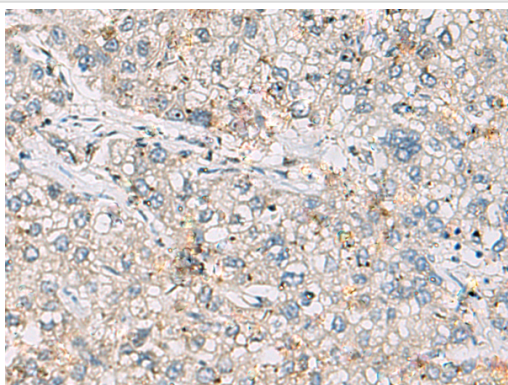
## Description

|                       |  |
|-----------------------|--|
| Product Name          | ARIH1 antibody                                   |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal                                       |
| Purification          | Antigen affinity purification                    |
| Applications          | IHC  |
| Species Reactivity    | Hu, Ms   |
| Immunogen Description | Synthetic peptide of human ARIH1                 |
| Target Name           | ARIH1  |
| Other Names           | ARI; HARI; HHARI; UBCH7BP                        |
| Accession No.         | NCBI Protein#:NP_005735                          |
| Uniprot               | Q9Y4X5   |
| GeneID                | 25820  |
| Concentration         | 0.9mg/ml   |
| Formulation           | pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol |
| Storage               | Store at -20°C/1 year                            |

## Application Details

IHC dilution:1:50-1:100

## Images



The image is immunohistochemistry of paraffin-embedded Human liver cancer tissue using (ARIH1 Antibody) at dilution 1/30.

## Background

ARIH1 (ariadne homolog), also known as ubiquitin conjugating enzyme E2 binding protein 1, ARI, HARI, HHARI (human homolog of *Drosophila* ariadne), MOP-6 (monocyte protein 6) or UBCH7BP (UBCH7 binding protein), is a 557 amino acid cytoplasmic protein. Expressed in a wide variety of tissues, ARIH1 contains two RING-type zinc fingers and one IBR (in-between RING fingers)-type domain. ARIH1 is believed to be involved in protein degradation and protein translation. ARIH1 interacts with UBCH7 and is thought to function as an E3 ubiquitin-protein ligase (or as a component of an

E3 complex) that, characteristic of E3 ligase proteins, accepts ubiquitin (in the form of a thioester) from an E2 ubiquitin-conjugating enzyme (UBCH7) and transfers that ubiquitin residue to substrates targeted for degradation. Specifically, ARIH1 interacts with and polyubiquitylates eIF4E2, thereby targeting it for proteasomal degradation.

---

Note: This product is for in vitro research use only