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Datasheet for ABIN7150983
anti-ARIH2 antibody (AA 43-360)

3 Images

Overview

| | |
|----------------------|--|
| Quantity: | 100 µg |
| Target: | ARIH2 |
| Binding Specificity: | AA 43-360 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ARIH2 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC) |

Product Details

| | |
|-------------------|--|
| Immunogen: | Recombinant Human E3 ubiquitin-protein ligase ARIH2 protein (43-360AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Purification: | >95%, Protein G purified |

Target Details

| | |
|-------------------|---|
| Target: | ARIH2 |
| Alternative Name: | ARIH2 (ARIH2 Products) |
| Background: | Background: E3 ubiquitin-protein ligase, which catalyzes ubiquitination of target proteins together with ubiquitin-conjugating enzyme E2 UBE2L3 (PubMed:16118314, |

Target Details

PubMed:17646546, PubMed:19340006, PubMed:24076655). Acts as an atypical E3 ubiquitin-protein ligase by working together with cullin-5-RING ubiquitin ligase complex (ECS complex, also named CRL5 complex) and initiating ubiquitination of ECS substrates: associates with ECS complex and specifically mediates addition of the first ubiquitin on ECS targets (By similarity). The initial ubiquitin is then elongated (By similarity). E3 ubiquitin-protein ligase activity is activated upon binding to neddylated form of the ECS complex (PubMed:24076655). Mediates Lys-6-linked, Lys-48-linked and Lys-63-linked polyubiquitination (PubMed:16118314, PubMed:17646546, PubMed:19340006). May play a role in myelopoiesis (PubMed:19340006).
Aliases: HT005 antibody, all trans retinoic acid inducible RING finger antibody, Ari 2 antibody, Ari-2 antibody, ARI2 antibody, ARI2_HUMAN antibody, Ariadne 2 antibody, Ariadne 2 protein homolog antibody, ariadne homolog 2 (Drosophila) antibody, ariadne homolog 2 antibody, Ariadne RBR E3 ubiquitin protein ligase 2 antibody, ARIH 2 antibody, Arih2 antibody, E3 ubiquitin protein ligase ARIH2 antibody, E3 ubiquitin-protein ligase ARIH2 antibody, protein ariadne 2 homolog antibody, Protein ariadne-2 homolog antibody, Triad 1 antibody, TRIAD1 antibody, Triad1 protein antibody, UIP48 antibody

UniProt: [O95376](#)

Application Details

Application Notes: Recommended dilution: WB:1:2000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

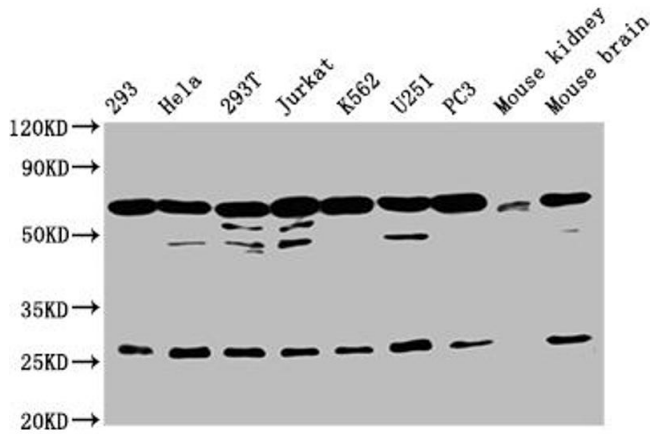
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

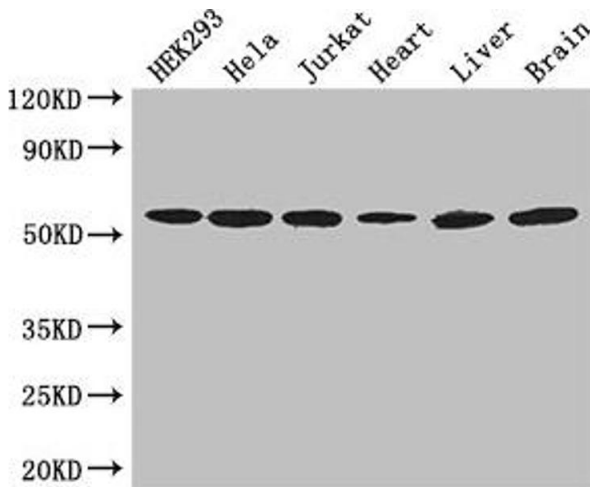
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



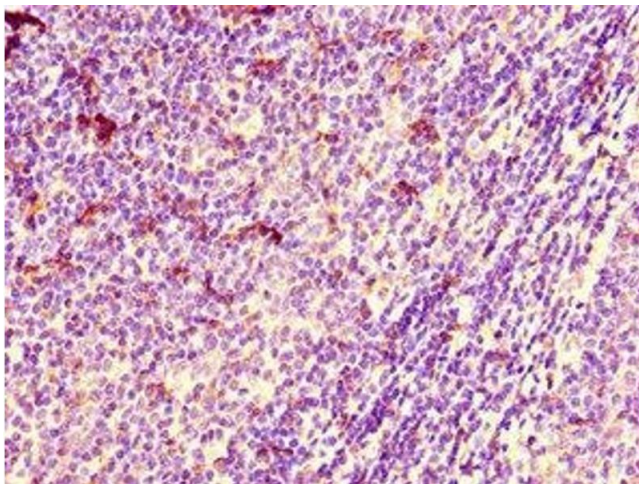
Western Blotting

Image 1. Western Blot Positive WB detected in: 293 whole cell lysate, HeLa whole cell lysate, 293T whole cell lysate, Jurkat whole cell lysate, K562 whole cell lysate, U251 whole cell lysate, PC-3 whole cell lysate, Mouse kidney tissue, Mouse brain tissue All lanes: ARIH2 antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 58 kDa Observed band size: 68 kDa



Western Blotting

Image 2. Western Blot Positive WB detected in: HEK293 whole cell lysate, HeLa whole cell lysate, Jurkat whole cell lysate, Mouse heart tissue, Mouse liver tissue, Mouse brain tissue All lanes: ARIH2 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 58 kDa Observed band size: 58 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human lymph node tissue using ABIN7150983 at dilution of 1:100