

## Product datasheet for **TA350872**

### ARIH2 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: Hela, Jurkat, 293T and K562 cells, mouse testis tissue
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human ARIH2
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	58 kDa
Gene Name:	ariadne RBR E3 ubiquitin protein ligase 2
Database Link:	<a href="#">NP_006312</a> <a href="#">Entrez Gene 23807 Mouse</a> <a href="#">Entrez Gene 10425 Human</a> <a href="#">O95376</a>



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**Background:**

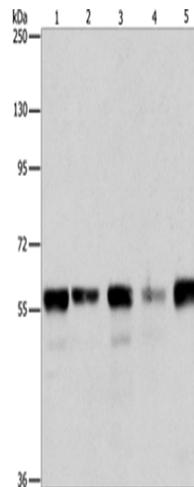
TRIAD1, also known as ARIH2 (ariadne homolog 2) or ARI2, is a 493 amino acid protein that contains one IBR-type zinc finger and two RING-type zinc fingers and belongs to the ariadne subfamily of RBR proteins. Localized to the nucleus, TRIAD1 interacts with UBE2L3 and is thought to act as an E3 ubiquitin-protein ligase, functioning to accept ubiquitin from E2 ubiquitin-conjugating enzymes and transfer the acquired ubiquitin residue to target substrates. TRIAD1 is subject to post-translational DNA damage-dependent phosphorylation, probably by ATM or ATR. The gene encoding TRIAD1 maps to human chromosome 3, which houses over 1,100 genes, including a chemokine receptor (CKR) gene cluster and a variety of human cancer-related gene loci.

**Synonyms:**

ARI2; TRIAD1

**Protein Families:**

Druggable Genome

**Product images:**

Gel: 8%SDS-PAGE

Lysate: 40 µg

Lane 1-5: Hela cells

Jurkat cells

293T cells

K562 cells

mouse testis tissue

Primary antibody: TA350872 (ARIH2 Antibody) at dilution 1/550

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 40 seconds