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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB05813 - Goat Anti-ARIH2 / TRIAD1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ARIH2, ariadne homolog 2 (Drosophila), ARI2, TRIAD1, all-trans retinoic acid inducible RING finger, ariadne-2 (D. melanogaster) homolog (all-trans retinoic acid inducible RING finger), FLJ10938, FLJ33921, OTTHUMP00000210388, ariadne homolog 2

Official Symbol: ARIH2

Accession Number(s): NP_006312.1

Human GeneID(s): [10425](#)

Non-Human GeneID(s): 23807 (mouse)

Immunogen

Peptide with sequence C-EQRRRTLLKDFHDT, from the C Terminus of the protein sequence according to NP_006312.1.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000.

Western blot: Approx 60kDa band observed in nuclear lysates of HeLa and K562 (Calculated MW of 57.8kDa according to NP_006312.1) Recommended concentration: 1-3µg/ml. Customer's experiments gave a band at approx 60kDa in lysates in both Human HeLa and Mouse Muscle (IM2 & C2C12) cells. This band disappeared after RNAi knock-down. Calculated MW of 57.8kDa according to NP_006312.1). Recommended concentration: 1-3µg/ml.

Immunofluorescence: Customer's experiments showed nuclear staining in DAPI with IF.

Immunoprecipitation: This antibody works well in IP.

Species Reactivity

Tested: Human, Mouse

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow

Specific Reference

Raz V, Buijze H, Raz Y, Verwey N, Anvar SY, Aartsma-Rus A, van der Maarel SM.

A novel feed-forward loop between ARIH2 E3 ligase and PABPN1 regulates aging-associated muscle degeneration.

Am J Pathol. 2014 Apr;184(4):1119-31.

PMID: 24486325

EB05813 (2µg/ml) staining of Hela (A) and K562 (B) nuclear lysates (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.