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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 GenelD(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. Primary incubation was 1 hour. 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. This antibody has also been successfully used in WB in PMID: 24486325.

Immunofluorescence: Customer's experiments showed nuclear staining in DAPI with IF. This antibody has also been successfully used in IF in PMID: 24486325.

Species Reactivity

Tested: Human, Mouse

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

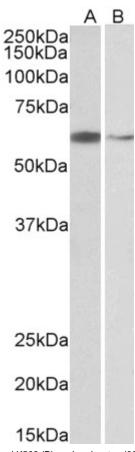
Specific Reference

This antibody has been successfully used in WB and IF on Human:

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). Detected by chemiluminescence.