

#### International Office

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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.