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EB08488 - Goat Anti-ASNA1 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: ASNA1, arsA arsenite transporter, ATP-binding, homolog 1 (bacterial), ARSA-I, ARSA1, MGC3821, arsA arsenite transporter, ATP-binding, homolog 1
Official Symbol: ASNA1
Accession Number(s): NP_004308.2
Human GeneID(s): 439

Immunogen

Peptide with sequence C-PHEVRGADKVNT, from the internal region of the protein sequence according to NP_004308.2.

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 1:2000.
Western blot: Approx 38kDa band observed in Human, Mouse and Rat Kidney lysates (calculated MW of 38.8kDa according to Human NP_004308.2). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

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

Specific Reference

Kim C, Yun N, Lee YM, Jeong JY, Baek JY, Song HY, Ju C, Youdim MB, Jin BK, Kim WK, Oh YJ.
Gel-based protease proteomics for identifying the novel calpain substrates in dopaminergic neuronal cell.
J Biol Chem. 2013 Dec 20;288(51):36717-32.
PMID: 24235151

EB08488 (1µg/ml) staining of Mouse Kidney lysate (35µg protein in RIPA buffer) with (B) and without (A) blocking with the immunising peptide. Primary incubation was 1 hour. Detected by chemiluminescence.