

#### **International Office**

#### **Everest Biotech Ltd**

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

# 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: GET3

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