

## UK Office

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**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.