

Datasheet for ABIN263183

**anti-ASNA1 antibody (Internal Region)****1** Image**1** Publication[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	ASNA1
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ASNA1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	ASNA1
Immunogen:	Peptide with sequence C-PHEVRGADKVNT, from the internal region of the protein sequence according to NP_004308.2.
Sequence:	PHEVRGADKV NT
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	ASNA1
Alternative Name:	GET3 ( <a href="#">ASNA1 Products</a> )
Background:	ASNA1 , arsA arsenite transporter, ATP-binding, homolog 1 (bacterial) , ARSA-I, ARSA1, MGC3821, arsA arsenite transporter, ATP-binding, homolog 1
Gene ID:	439
NCBI Accession:	<a href="#">NP_004308</a>
Pathways:	<a href="#">Positive Regulation of Peptide Hormone Secretion</a>

## Application Details

Application Notes:	Western Blot: Approx 38 kDa band observed in Human, Mouse and Rat Kidney lysates (calculated MW of 38.8 kDa according to Human NP_004308.2). Recommended concentration: 0.3-1 µg/mL. Peptide ELISA: antibody detection limit dilution 1:2000.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

## Publications

Product cited in:	Kim, Yun, Lee, Jeong, Baek, Song, Ju, Youdim, Jin, Kim, Oh: "Gel-based protease proteomics for
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identifying the novel calpain substrates in dopaminergic neuronal cell." in: **The Journal of biological chemistry**, Vol. 288, Issue 51, pp. 36717-32, (2013) ([PubMed](#)).

Images

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**Image 1.** ABIN263183 (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.