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Datasheet for ABIN1881076

## anti-Astrotactin 2 antibody (N-Term)

1 Image

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### Overview

Quantity:	400 µL
Target:	Astrotactin 2 (ASTN2)
Binding Specificity:	AA 220-248, N-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Astrotactin 2 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	This ASTN2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 220-248 amino acids from the N-terminal region of human ASTN2.
Clone:	RB40893
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	Astrotactin 2 (ASTN2)
Alternative Name:	ASTN2 ( <a href="#">ASTN2 Products</a> )
Background:	This gene encodes a protein that is expressed in the brain and may function in neuronal

## Target Details

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migration, based on functional studies of the related astrotactin 1 gene in human and mouse. A deletion at this locus has been associated with schizophrenia. Multiple transcript variants encoding different proteins have been found for this locus.

Molecular Weight:	148243
NCBI Accession:	<a href="#">NP_054729</a> , <a href="#">NP_937829</a> , <a href="#">NP_937831</a>
UniProt:	<a href="#">O75129</a>

## Application Details

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Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

## Handling

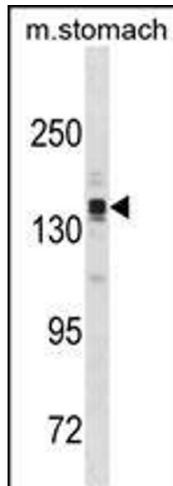
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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

## Publications

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Product cited in:	<p>Choudhary, Kumar, Gnad, Nielsen, Rehman, Walther, Olsen, Mann: "Lysine acetylation targets protein complexes and co-regulates major cellular functions." in: <b>Science (New York, N.Y.)</b>, Vol. 325, Issue 5942, pp. 834-40, (2009) (<a href="#">PubMed</a>).</p> <p>Dickeson, Helmkamp, Yarbrough: "Sequence of a human cDNA encoding phosphatidylinositol transfer protein and occurrence of a related sequence in widely divergent eukaryotes." in: <b>Gene</b>, Vol. 142, Issue 2, pp. 301-5, (1994) (<a href="#">PubMed</a>).</p>
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### Western Blotting

**Image 1.** ASTN2 Antibody (N-term) (ABIN1881076 and ABIN2838727) western blot analysis in mouse stomach tissue lysates (35 µg/lane). This demonstrates the ASTN2 antibody detected the ASTN2 protein (arrow).