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Datasheet for ABIN4996930

anti-Astrotactin 2 antibody (AA 21-120) (Alexa Fluor 750)

Overview

Quantity:	100 µL
Target:	Astrotactin 2 (ASTN2)
Binding Specificity:	AA 21-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Astrotactin 2 antibody is conjugated to Alexa Fluor 750
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ASTN2
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow
Purification:	Purified by Protein A.

Target Details

Target:	Astrotactin 2 (ASTN2)
Alternative Name:	ASTN2 (ASTN2 Products)
Background:	Synonyms: Astn2, Astn-2, Astn 2, ASTN2_HUMAN, Astrotactin 2, Astrotactin2, Astrotactin-2,

Target Details

bA67K19.1, KIAA0634.

Background: Neuronal migration of the central nervous system is a specialized form of cell motility that takes place in the laminar structure of the cortical regions of brain. Astrotactin is a neuronal cell surface protein expressed on postmitotic neuronal precursors in the cerebellum, hippocampus, cerebrum, and olfactory bulb. Astrotactin 2 is a paralog of Astrotactin.

Astrotactin mediates neuron-astroglial interactions and is also implicated in synaptic development as well as many other neuronal activities. Astrotactin has three epidermal growth factor repeat domains and two fibronectin type III repeat domains. The human Astrotactin gene shows extensive homology to the mouse Astrotactin gene. Mutations in the Astrotactin gene are linked to neuronal migration defects in both species.

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months