

ASTN2 Antibody FITC Conjugated

Catalog No: #C00930F

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	ASTN2 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ICC,IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human ASTN2
Conjugates	FITC
Target Name	ASTN2
Other Names	Astn2; Astn-2; Astn 2; ASTN2_HUMAN; Astrotactin 2; Astrotactin2; Astrotactin-2; bA67K19.1; KIAA0634.
Excitation Emission	494nm 518nm
Cell Localization	Extracellular
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

ICC=1:50-200 IF=1:50-200

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.

Note: This product is for in vitro research use only