

Anti-SSX2IP Rabbit Monoclonal Antibody

Catalog # ABO16529

Product Information

Application	WB, IHC
Primary Accession	Q9Y2D8
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-SSX2IP Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human.

Additional Information

Gene ID	117178
Other Names	Afadin- and alpha-actinin-binding protein, ADIP, Afadin DIL domain-interacting protein, SSX2-interacting protein, SSX2IP, KIAA0923
Calculated MW	71236
Application Details	WB 1:500-1:2000 IHC 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 30S65
Immunogen	A synthesized peptide derived from human SSX2IP
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	SSX2IP
Synonyms	KIAA0923
Function	Belongs to an adhesion system, which plays a role in the organization of homotypic, interneuronal and heterotypic cell-cell adherens junctions (AJs).

May connect the nectin-afadin and E-cadherin- catenin system through alpha-actinin and may be involved in organization of the actin cytoskeleton at AJs through afadin and alpha- actinin (By similarity). Involved in cell movement: localizes at the leading edge of moving cells in response to PDGF and is required for the formation of the leading edge and the promotion of cell movement, possibly via activation of Rac signaling (By similarity). Acts as a centrosome maturation factor, probably by maintaining the integrity of the pericentriolar material and proper microtubule nucleation at mitotic spindle poles. The function seems to implicate at least in part WRAP73; the SSX2IP:WRAP73 complex is proposed to act as regulator of spindle anchoring at the mitotic centrosome (PubMed:[23816619](#), PubMed:[26545777](#)). Involved in ciliogenesis (PubMed:[24356449](#)). It is required for targeted recruitment of the BBSome, CEP290, RAB8, and SSTR3 to the cilia (PubMed:[24356449](#)).

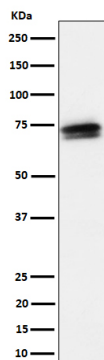
Cellular Location

Cell junction, adherens junction. Nucleus. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriolar satellite. Cytoplasm, cytoskeleton, cilium basal body. Note=Not found at cell-matrix AJs

Tissue Location

Widely expressed, with the highest expression in brain, intermediate expression in kidney, testis, spinal cord, liver, heart, lung, skeletal muscle, ovary, fetal liver and fetal brain, and little to no expression in pancreas and spleen. All specific brain regions showed intermediate to high expression, with highest expression in amygdala. Also expressed in fetal tissues, mainly in liver and brain

Images



Western blot analysis of SSX2IP expression in HeLa cell lysate.

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