

ARG67228 anti-ASPM antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ASPM
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Specificity	This antibody is specific to ASPM isoform1.
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ASPM
Conjugation	Un-conjugated
Alternate Names	ASPM; Assembly Factor For Spindle Microtubules; Calmbp1; MCPH5; ASP; Abnormal Spindle-Like Microcephaly-Associated Protein; Abnormal Spindle Microtubule Assembly; FLJ10517; FLJ10549; Asp (Abnormal Spindle) Homolog, Microcephaly Associated (Drosophila); Asp (Abnormal Spindle)-Like, Microcephaly Associated (Drosophila); Asp (Abnormal Spindle) Homolog, Microcephaly Associated; Microcephaly, Primary Autosomal Recessive 5; Abnormal Spindle Protein Homolog; Asp Homolog

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:100 – 1:300
	IHC-P	1:50 – 1:100
	WB	1:500
	Application Note	
	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

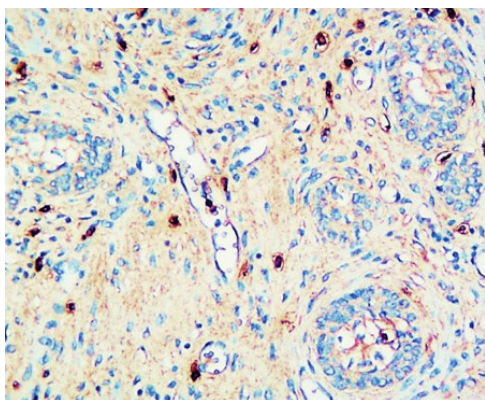
Form	Liquid
Purification	Affinity purified
Buffer	100 mM Tris Glycine (pH 7.0), 0.025% ProClin 300 and 20% Glycerol.
Preservative	0.025% ProClin 300
Stabilizer	20% Glycerol
Concentration	1.51 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	ASPM
Gene Full Name	Assembly Factor For Spindle Microtubules
Background	This gene is the human ortholog of the <i>Drosophila melanogaster</i> 'abnormal spindle' gene (<i>asp</i>), which is essential for normal mitotic spindle function in embryonic neuroblasts. Studies in mouse also suggest a role of this gene in mitotic spindle regulation, with a preferential role in regulating neurogenesis. Mutations in this gene are associated with microcephaly primary type 5. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, May 2011]
Function	May have a preferential role in regulating neurogenesis. [Uniprot]
Calculated Mw	410 kDa
PTM	Phosphoprotein
Cellular Localization	Cytoplasm, Cytoskeleton, Nucleus

Images



ARG67228 anti-ASPM antibody IHC-P image

Immunohistochemistry: prostate cancer stained with ARG67228 anti-ASPM antibody at 1:100 dilution.