

ASPM rabbit monoclonal antibody

Catalog # H00259266-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ASPM peptide using ARM Technology.
Immunogen	A synthetic peptide of human ASPM is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human ASPM peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — ASPM

Entrez GeneID	259266
GeneBank Accession#	ASPM
Gene Name	ASPM
Gene Alias	ASP, Calmbp1, DKFZp686N06184, FLJ10517, FLJ10549, FLJ43117, MCPH5
Gene Description	asp (abnormal spindle) homolog, microcephaly associated (Drosophila)
Omim ID	605481 608716
Gene Ontology	Hyperlink
Gene Summary	The ASPM gene is the human ortholog of the Drosophila melanogaster 'abnormal spindle' gene (asp), which is essential for normal mitotic spindle function in embryonic neuroblasts (Bond et al., 2002 [PubMed 12355089]). The mouse gene Aspm is expressed specifically in the primary sites of prenatal cerebral cortical neurogenesis.[supplied by OMIM]
Other Designations	OTTHUMP00000034411 asp (abnormal spindle)-like, microcephaly associated microcephaly, primary autosomal recessive 5

Disease

- [Dominance](#)
- [Genetic Predisposition to Disease](#)
- [Macular Degeneration](#)
- [Microcephaly](#)
- [Schizophrenia](#)