

# ASPN rabbit monoclonal antibody

Catalog # H00054829-K      Size 100 ug x up to 3

## Specification

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

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — ASPN

Entrez GeneID	<a href="#">54829</a>
GeneBank Accession#	<a href="#">ASPN</a>
Gene Name	ASPN
Gene Alias	FLJ20129, PLAP1, SLRR1C
Gene Description	asporin
Omim ID	<a href="#">165720 608135</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	ASPN belongs to a family of leucine-rich repeat (LRR) proteins associated with the cartilage matrix. The name asporin reflects the unique aspartate-rich N terminus and the overall similarity to decorin (MIM 125255) (Lorenzo et al., 2001 [PubMed 11152692]).[supplied by OMIM]
Other Designations	OTTHUMP00000021657 asporin (LRR class 1) asporin proteoglycan periodontal ligament associated protein 1 small leucine-rich protein 1C

## Disease

- [Arthritis](#)
- [Genetic Predisposition to Disease](#)
- [Osteoarthritis](#)
- [Spondylitis](#)