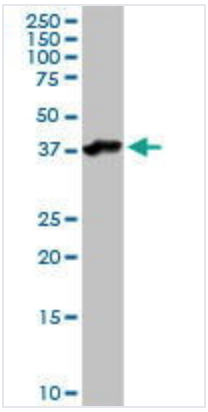
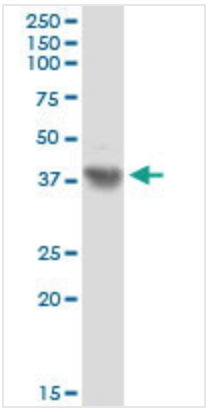
ASPN Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

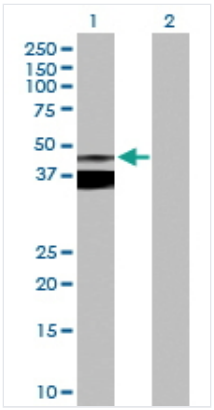
Product Name	ASPN, Polyclonal Antibody
Full Product Name	ASPN (Asporin, Periodontal Ligament-associated Protein 1, PLAP-1, SLRR1C, PLAP1, UNQ215/PRO241, FLJ20129) APC
Product Gene Name	anti-ASPN antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human ASPN.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Immunogen	Full length human ASPN, aa1-384 (AAH63114.1).
Immunogen Sequence	MKEYVLLLFLALCSAKPFFSPSHIALKNMMLKDMEDTDDDDDDDDDDDDDDDDEEDNSLFPTREPRSHFFPFDLFPMCPFGCQCYSRVVHCSDLGLTS
Conjugate	APC
Note	Preservative Free
Product Categories/Family for anti-ASPN antibody	Antibodies; Extracellular Matrix Proteins
Applications Tested/Suitable for anti-ASPN antibody	Western Blot (WB)
Application Notes for anti-ASPN antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-ASPN antibody	ASPN belongs to a family of leucine-rich repeat (LRR) proteins associated with the cartilage matrix. The name asporin reflects the unique aspartate-ric
Other Notes	Small volumes of anti-ASPN antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necess
Searchable Terms for ASPN purchase	MBS6370563 is an antibody targeting ASPN. Also known as ASPN (Asporin, Periodontal Ligament-associated Protein 1, PLAP-1, SLRR1C, PLAP1, U



Western Blot (WB) of anti-ASPN antibody
ASPN rabbit polyclonal antibody. Western Blot analysis of ASPN expression in human kidney.



Western Blot (WB) of anti-ASPN antibody
ASPN rabbit polyclonal antibody. Western Blot analysis of ASPN expression in HeLa.



Western Blot (WB) of anti-ASPN antibody
Western Blot analysis of ASPN expression in transfected 293T cell line by ASPN polyclonal antibody. Lane 1: ASPN transfected lysate (43.9kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ASPN. It may not necessarily be applicable to this product.

NCBI GI #	38649026
NCBI GeneID	54829
NCBI Accession #	BC063114
NCBI Related Accession #	AAH63114.1
UniProt Related Accession #	Q9BXN1
NCBI Official Full Name	Homo sapiens asporin, mRNA
NCBI Official Synonym Full Names	asporin
NCBI Official Symbol	ASPN
NCBI Official Synonym Symbols	OS3; PLAP1; PLAP-1; SLRR1C
Protein Family	Asporin
NCBI Protein Information	asporin

NCBI Summary for ASPN	This gene encodes a cartilage extracellular protein that is member of the small leucine-rich proteoglycan family. The encoded protein may regulate chondrogenesis by inhibiting transforming growth factor-beta 1-induced gene expression in cartilage. This protein also binds collagen and calcium and may induce collagen mineralization. Polymorphisms in the aspartic acid repeat region of this gene are associated with a susceptibility to osteoarthritis, and also with intervertebral disc disease. Alternative splicing of this gene results in multiple transcript variants.[provided by RefSeq, Jul 2014]
Research Articles on ASPN	**1.** Data establish a role for ASPN as a critical MSC factor that extensively affects the tumor microenvironment and induces metastatic progression.
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