

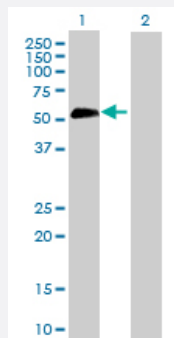
MaxPab®

SPP1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00006696-D01P

Size 100 ug

Applications

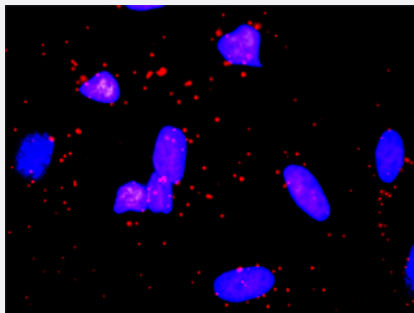


Western Blot (Transfected lysate)

Western Blot analysis of SPP1 expression in transfected 293T cell line ([H00006696-T01](#)) by SPP1 MaxPab polyclonal antibody.

Lane 1: SPP1 transfected lysate(35.40 kDa).

Lane 2: Non-transfected lysate.



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between SPP1 and F2. HeLa cells were stained with anti-SPP1 rabbit purified polyclonal 1:1200 and anti-F2 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human SPP1 protein.

Immunogen

SPP1 (AAH17387.1, 1 a.a. ~ 314 a.a) full-length human protein.

Sequence

MRIAVICFCLLGITCAIPVKQADSGSSEEEKQLYNKYPDAVATWLNPDPSQKQNLAPQNAVSSEET
NDFKQETLPSKSNESHDMDDMDEDDDDHVDSQDSIDSNDSDVDVDDTDDSHQSDESHSD
ESDELVTDFPTDLPATEVFTPVVPTVDYDGRGDSVYGLRSKSKKFRRPDIQYPDATDEITSH
MESEELNGAYKAIPVAQDLNAPSDWDSRGKDSYETSQLDDQSAETHSHKQSRLYKRKANDESN
EHSDVIDSQELSKVSREFHSHEFHSHEDMLVDPKSKKEEDKHLKFRISHELDSASSEVN

Host

Rabbit

Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

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[Protocol Download](#)

- In situ* Proximity Ligation Assay (Cell)

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Gene Info — SPP1

Entrez GeneID	6696
GeneBank Accession#	NM_001040058
Protein Accession#	AAH17387.1
Gene Name	SPP1
Gene Alias	BNSP, BSPI, ETA-1, MGC110940, OPN
Gene Description	secreted phosphoprotein 1
Omim ID	166490
Gene Ontology	Hyperlink
Gene Summary	bone sialoprotein I
Other Designations	SPP1/CALPHA1 fusion bone sialoprotein I early T-lymphocyte activation 1 osteopontin osteopontin/immunoglobulin alpha 1 heavy chain constant region fusion protein secreted phosphoprotein 1 (osteopontin, bone sialoprotein I, early T-lymphocyte activation 1)

Pathway

- [ECM-receptor interaction](#)
- [Focal adhesion](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Amyotrophic lateral sclerosis](#)
- [Anoxia](#)
- [Aortic Aneurysm](#)
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- [Asthma](#)
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- [Cleft Lip](#)
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- [Coronary Artery Disease](#)

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