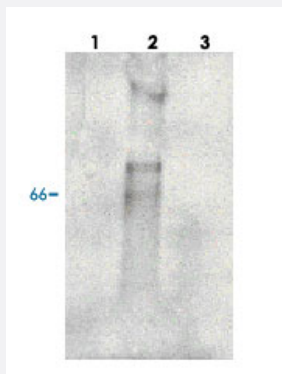


SPP1 polyclonal antibody

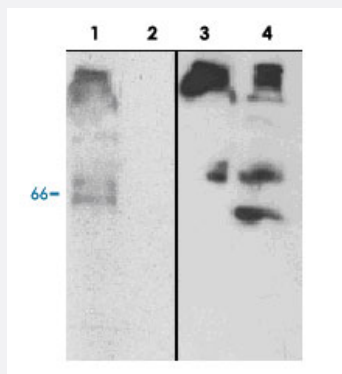
Catalog # PAB29191 Size 100 ug

Applications



Western Blot (Transfected lysate)

Western blot analysis of cell extracts from MCF-7 cells transfected with Lane 1: Osteopontin-a, Lane 2: Osteopontin-c, Lane 3: vector with SPP1 polyclonal antibody (Cat # PAB29191).



Western Blot (Recombinant protein)

Western blot analysis of GST-tagged Osteopontin-c (Lane 1, Lane 3) and Osteopontin-a (Lane 2, Lane 4) recombinant protein with SPP1 polyclonal antibody (Cat # PAB29191) (Lane 1, Lane2) or reprobed anti-pan-Osteopontin O17 antibody.

Specification

Product Description	Chicken polyclonal antibody raised against the synthetic peptide of Human Osteopontin-c.
Immunogen	A synthetic peptide corresponding to the splice junction of osteopontin-c.
Sequence	SEEKQNAVSC
Host	Chicken
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgY
Recommend Usage	ELISA (2 ug/ml) Western Blot (1ug/ml) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western blot analysis of cell extracts from MCF-7 cells transfected with Lane 1: Osteopontin-a, Lane 2: Osteopontin-c, Lane 3: vector with SPP1 polyclonal antibody (Cat # PAB29191).

- Western Blot (Recombinant protein)

Western blot analysis of GST-tagged Osteopontin-c (Lane 1, Lane 3) and Osteopontin-a (Lane 2, Lane 4) recombinant protein with SPP1 polyclonal antibody (Cat # PAB29191) (Lane 1, Lane2) or reprobed anti-pan-Osteopontin O17 antibody.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — SPP1

Entrez GeneID	6696
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](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Brain Infarction](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cerebrovascular Disorders](#)
- [Chronic Disease](#)
- [Cleft Lip](#)

- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glioma](#)
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- [Kidney Calculi](#)
- [Kidney Failure](#)
- [Lewy Body Disease](#)
- [Liver Neoplasms](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Metabolic Syndrome X](#)
- [Multiple Sclerosis](#)
- [Myocardial Infarction](#)

- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Nephrolithiasis](#)
- [Osteoporosis](#)
- [Ovarian Neoplasms](#)
- [Periodontitis](#)
- [Pseudoxanthoma Elasticum](#)
- [Sarcoidosis](#)
- [Stroke](#)
- [Urinary Calculi](#)
- [Urolithiasis](#)