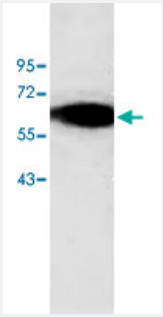
SPP1 polyclonal antibody

Catalog # PAB18902 Size 200 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis of human thymus lysate with SPP1 polyclonal antibody (Cat # PAB18902) at 1 : 500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of SPP1.
Immunogen	A synthetic peptide corresponding to 16 amino acids at C-terminus of human SPP1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Recommend Usage	ELISA (1:10000-1:40000) Western Blot (1:200-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In buffer containing 0.02% sodium azide
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Tissue lysate)

  Western blot analysis of human thymus lysate with SPP1 polyclonal antibody (Cat # PAB18902) at 1 : 500 dilution.

Gene Info — SPP1

Entrez GeneID	6696
Protein Accession#	NM_000582
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

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- 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
- Head and Neck Neoplasms

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- Hepatitis B
- Hepatitis C
- HIV Infections
- Hypersensitivity
- Hypertension
- Inflammation
- 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

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