

Polyclonal Antibody to Osteopontin (OPN)

Osteopontin

Catalog # AP74798

Product Information

Application	IHC
Primary Accession	P31096
Host	Rabbit
Clonality	Polyclonal
Calculated MW	30904

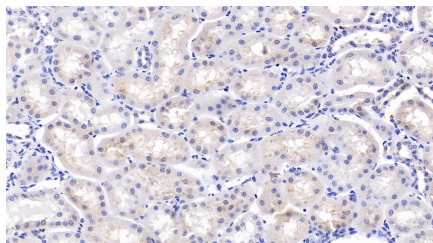
Additional Information

Gene ID	281499
Other Names	SPP1; BNSP; BSPI; ETA1; Secreted Phosphoprotein 1; Bone Sialoprotein I; Early T-Lymphocyte Activation 1; Nephropontin; Urinary stone protein; Uropontin
Target/Specificity	Bos taurus; Bovine (Cattle)
Dilution	IHC~~Western blotting: 0.5-2 μ g/mL; Immunohistochemistry: 5-20 μ g/mL; Immunocytochemistry: 5-20 μ g/mL; Optimal working dilutions must be determined by end user.
Format	PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	SPP1
Synonyms	OPN
Function	Major non-collagenous bone protein that binds tightly to hydroxyapatite (Probable). Appears to form an integral part of the mineralized matrix (Probable). Probably important to cell-matrix interaction (Probable).
Cellular Location	Secreted {ECO:0000250 UniProtKB:P10451}.
Tissue Location	Bone, inner ear, kidney, uterus, lung, brain, epidermis

Images



DAB staining on IHC-P; Samples: Bovine Kidney Tissue;
Primary Ab: 10 µg/ml Rabbit Anti-Bovine OPN Antibody
Second Ab: 2 µg/mL HRP-Linked Caprine Anti-Rabbit IgG
Polyclonal Antibody (Catalog: SAA544Rb19)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.