**Applications** 

WB,IHC,IF,ELISA



# Osteopontin Rabbit pAb

CatalogNo: YT3467 Orthogonal Validated (

#### **Key Features**

**Host Species** Reactivity

 Rabbit · Human, Mouse, Rat

Isotype

MW 60kD (Observed) IgG

#### **Recommended Dilution Ratios**

WB 1:500-2000 IHC 1:100-500 IF/ICC1:100-500 ELISA 1:5000-20000

#### Storage

-15°C to -25°C/1 year(Do not lower than -25°C) Storage\*

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

#### **I** Basic Information

Clonality Polyclonal

### Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from human

Osteopontin. AA range:261-310

**Specificity** OPN Polyclonal Antibody detects endogenous levels of OPN protein.

## | Target Information

Gene name SPP1

**Protein Name** Osteopontin

Organism	Gene ID	UniProt ID
Human	<u>6696</u> ;	<u>P10451;</u>
Mouse	<u>20750;</u>	<u>P10923;</u>
Rat	<u>25353;</u>	<u>P08721;</u>

Cellular Localization Secreted.

Tissue specificity Bone. Found in plasma.

**Function** Disease: This protein plays a principal role in urinary stone formation as the stone

matrix.,Function:Acts as a cytokine involved in enhancing production of interferon-gamma and interleukin-12 and reducing production of interleukin-10 and is essential in the pathway that leads to type I immunity.,Function:Binds tightly to hydroxyapatite. Appears to form an integral part of the mineralized matrix. Probably important to cell-matrix interaction.,online information:Osteopontin entry,PTM:Extensively phosphorylated on clustered serine

residues., PTM:N- and O-glycosylated., similarity: Belongs to the osteopontin

family., subunit: Ligand for integrin alpha-V/beta-3.,

#### **Validation Data**

### **Contact information**

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Please scan the QR code to access additional product information:

Osteopontin Rabbit pAb

For Research Use Only. Not for Use in Diagnostic Procedures.

Antibody | ELISA Kits | Protein | Reagents