

## Osteopontin Rabbit pAb

CatalogNo: YT3467 **Orthogonal Validated** 

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, IHC, IF, ELISA

#### MW

- 60kD (Observed)

#### Isotype

- IgG

### Storage

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

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

### Recommended Dilution Ratios

**WB 1:500-2000**

**IHC 1:100-500**

**IF/ICC 1:100-500**

**ELISA 1:5000-20000**

### 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	<a href="#">6696;</a>	<a href="#">P10451;</a>
Mouse	<a href="#">20750;</a>	<a href="#">P10923;</a>
Rat	<a href="#">25353;</a>	<a href="#">P08721;</a>

**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

Orders: [order.cn@immunoway.com](mailto:order.cn@immunoway.com)  
Support: [support.cn@immunoway.com](mailto:support.cn@immunoway.com)  
Telephone: 400-8787-807(China)  
Website: <http://www.immunoway.com.cn>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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](#)