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/ICC1:100-500
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	6696;	P10451;
Mouse	20750;	P10923;
Rat	25353;	P08721;

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
Support: 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