

OPN Polyclonal Antibody

Catalog # AP71650

Product Information

| | |
|--------------------------|------------------------|
| Application | WB, IHC-P |
| Primary Accession | P10451 |
| Reactivity | Human, Mouse, Rat |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 35423 |

Additional Information

| | |
|---------------------------|---|
| Gene ID | 6696 |
| Other Names | SPP1; BNSP; OPN; PSEC0156; Osteopontin; Bone sialoprotein 1; Nephropontin; Secreted phosphoprotein 1; SPP-1; Urinary stone protein; Uropontin |
| Dilution | WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~N/A |
| Format | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide. |
| Storage Conditions | -20°C |

Protein Information

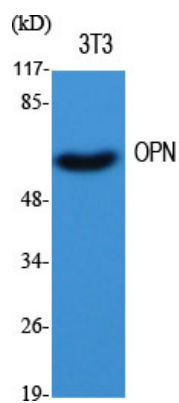
| | |
|--------------------------|---|
| Name | SPP1 |
| Synonyms | BNSP, OPN |
| Function | Major non-collagenous bone protein that binds tightly to hydroxyapatite. Appears to form an integral part of the mineralized matrix. Probably important to cell-matrix interaction. |
| Cellular Location | Secreted |
| Tissue Location | Detected in cerebrospinal fluid and urine (at protein level) (PubMed:25326458, PubMed:36213313, PubMed:37453717) Bone. Found in plasma. |

Background

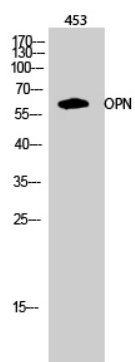
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Images



Western Blot analysis of various cells using OPN Polyclonal Antibody diluted at 1 : 500



Western Blot analysis of 453 cells using OPN Polyclonal Antibody diluted at 1 : 500

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