

## Catalog #: 50655

### Aliases

BNSP; OPN; Osteopontin; Bone sialoprotein 1; Nephropontin; Secreted phosphoprotein 1; SPP-1; Urinary stone protein; Uropontin

### Background

Gene Name: SPP1

NCBI Gene Entry: [6696](#)

UniProt Entry: [P10451](#)

### Application Information

Molecular Weight: Predicted, 35 kDa; observed, 60 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), immunohistochemistry (IHC), immunocytochemistry (IC)

### Immunogen

A synthesized peptide derived from human Osteopontin

### Isotype

Rabbit IgG

### Storage Buffer

Supplied in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Storage

Store at -20 °C for one year.

### Recommended Dilutions

Western Blotting (WB): 1:500-1:2,000

Immunohistochemistry (IHC): 1:100-1:500

Immunocytochemistry (IC): 1:100-1:500

**Note:** This product is for research use only.

### Validation Data

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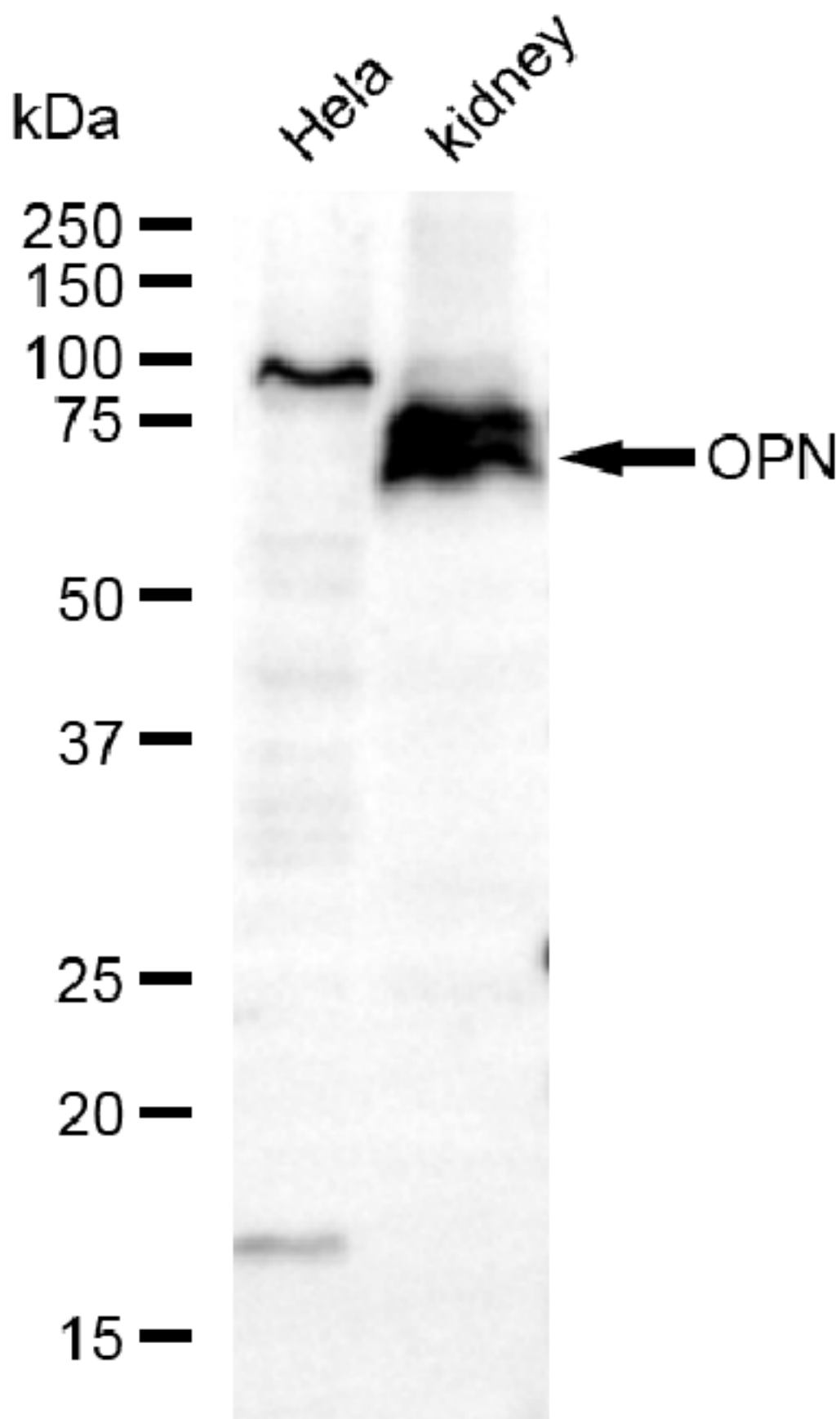
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Western blotting analysis using anti-Osteopontin antibody (Cat#50655). Total lysates (30 µg) were loaded and separated by SDS-PAGE. The blot was incubated with anti-Osteopontin antibody (Cat#50655, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).