

## Osteopontin Antibody

**CAB1361**

### Description

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This Osteopontin Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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<b>SKU:</b>	CAB1361
<b>Contents:</b>	20 µL, 100 µL Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Polyclonal Antibody
<b>Synonyms:</b>	OPN, BNSP, BSPI, ETA-1, Osteopontin
<b>Clone:</b>	-
<b>Applications:</b>	WB   ELISA
<b>Conjugation:</b>	Unconjugated
<b>Reactivity:</b>	Human, Mouse, Rat

### Antibody Data

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<b>Gene ID:</b>	6696
<b>Uniprot:</b>	AB_2760472
<b>Host Species:</b>	Rabbit
<b>Purification:</b>	Affinity purification
<b>Observed MW:</b>	45-70kDa
<b>Calculated MW:</b>	35kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

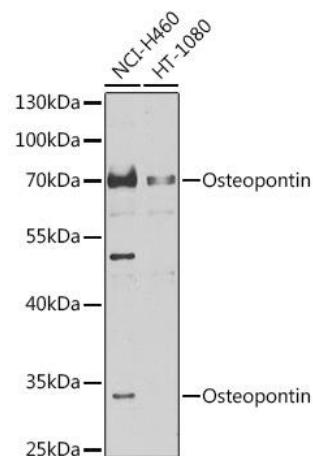
Store Bradford Reagent at Room Temperature for 1 Year.

**Positive Sample:** HepG2, 293F, Jurkat, C2C12, Mouse kidney

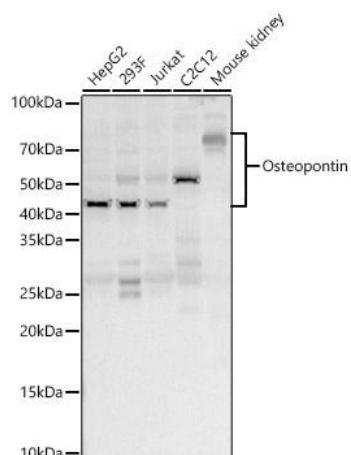
<b>Recommended Dilutions:</b>	<b>WB</b>	1:1000 - 1:5000
	<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data



Western blot analysis of various lysates using Osteopontin Rabbit pAb (CAB1361) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lanes/proteins: NCI-H460, HT-1080. Osteopontin bands are visible at approximately 70kDa and 35kDa.



Western blot analysis of various lysates, using Osteopontin Rabbit pAb (CAB1361) at 1:2000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lanes/proteins: HepG2, 293F, Jurkat, C2C12, Mouse kidney. Osteopontin bands are visible at approximately 70kDa and 50kDa.

