

## OPN Polyclonal Antibody

Catalog No: #41290



Package Size: #41290-1 50ul #41290-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

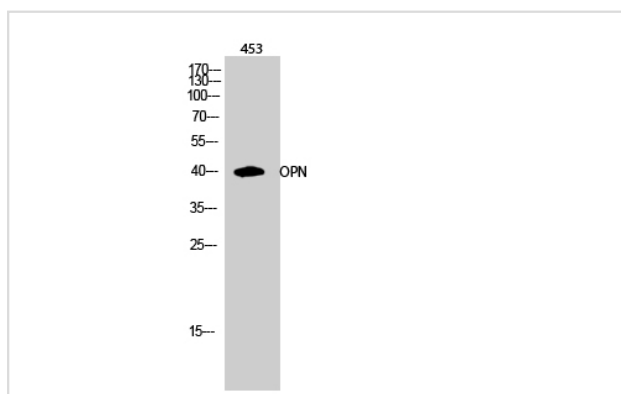
## Description

Product Name	OPN Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB;IHC;IF;ELISA
Species Reactivity	Human;Mouse;Rat
Specificity	OPN Polyclonal Antibody detects endogenous levels of OPN protein.
Immunogen Description	Synthesized peptide derived from the C-terminal region of human OPN.
Conjugates	Unconjugated
Target Name	OPN
Other Names	SPP1; BNSP; OPN; PSEC0156; Osteopontin; Bone sialoprotein 1; Nephropontin; Secreted phosphoprotein 1; SPP-1; Urinary stone protein; Uropontin
Accession No.	Swiss-Prot: P10451NCBI Gene ID: 6696
SDS-PAGE MW	60kd
Concentration	1mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C/1 year

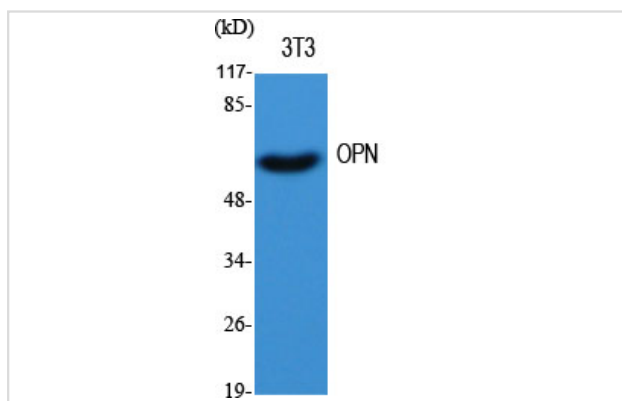
## Application Details

WB 1:500-2000; IHC 1:100-500; IF/ICC1:100-500; ELISA 1:5000-20000

## Images



Western Blot analysis of 453 cells using OPN Polyclonal Antibody



Western Blot analysis of NIH-3T3 cells using OPN Polyclonal Antibody

## Published Papers

Xishuai Tong;Xiaohui Fu;Anqing Gong;Gengsheng Yu;Naineng Chen;Bing Chen;Jianhong Gu;Zongping Liu et al., Effect of Luteolin on cadmium-inhibited bone growth via suppressing osteoclastogenesis in laying chickens., (2025)

[PMID:39921628](#)

Qiwei Wang;Bo Chen;Fang Ma;Shikang Lin;Meng Cao;Yan Li;Ning Gu et al., Magnetic iron oxide nanoparticles accelerate osteogenic differentiation of mesenchymal stem cells via modulation of long noncoding RNA INZEB2., (2017)

[PMID:](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.