

OPN Polyclonal Antibody

Catalog No: #41290

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

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 ELISA IF
Species Reactivity	Hu Ms Rt
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

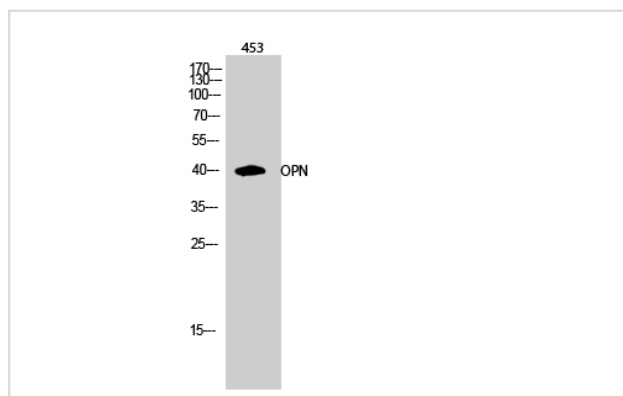
Western Blot: 1/500 - 1/2000.

Immunohistochemistry: 1/100 - 1/300.

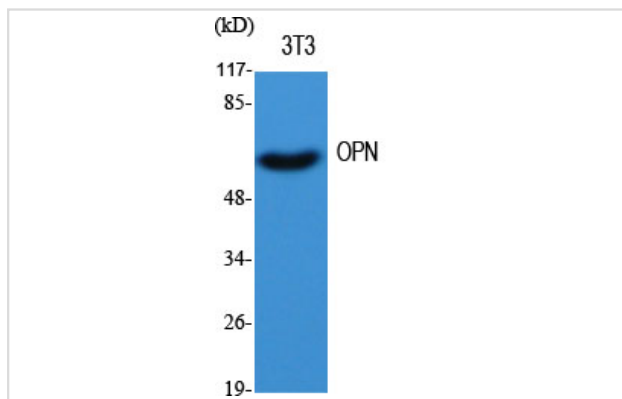
ELISA: 1/20000.

Not yet tested in other applications.

Images



Western Blot analysis of 453 cells using OPN Polyclonal Antibody



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

Published Papers

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:](#)

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](#)

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