

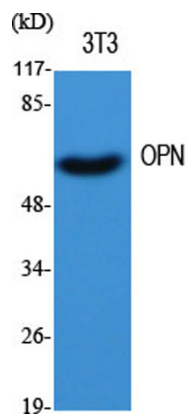


Product name:	OPN / Osteopontin rabbit pAb
Cat number:	ABE3083
Conjugate:	unconjugated
Host:	Rabbit
Size:	100 ug
Synonyms:	None
Clone:	Polyclonal
Concentration:	1mg/ml
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human Osteopontin. AA range:261-310
Reactivity:	Human;Mouse;Rat
Applications:	WB 1:500-2000 IHC-p 1:100-500 IF/ICC 1:100-500 ELISA 1:5000-20000
Molecular weight:	60kD
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Background:	secreted phosphoprotein 1(SPP1) Homo sapiens The protein encoded by this gene is involved in the attachment of osteoclasts to the mineralized bone matrix. The encoded protein is secreted and binds hydroxyapatite with high affinity. The osteoclast vitronectin receptor is found in the cell membrane and may be involved in the binding to this protein. This protein is also a cytokine that upregulates expression of interferon-gamma and interleukin-12. Several transcript variants encoding different isoforms have been found for this gene.
Form:	liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5%BSAand0.02% sodium azide.
Storage:	-20°C/1 year

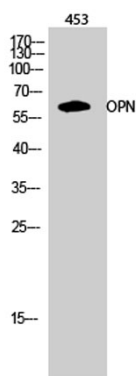
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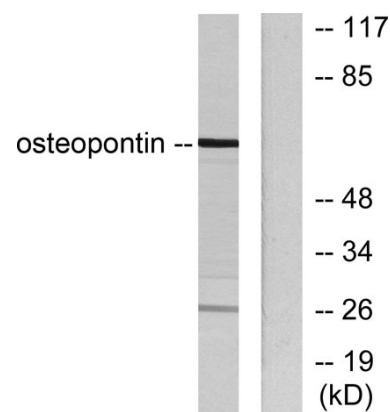
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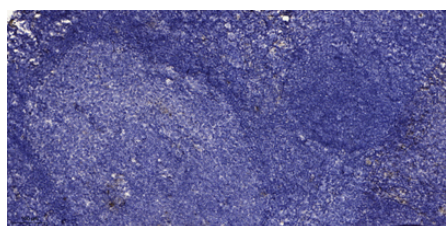
Western Blot analysis of various cells using OPN Polyclonal Antibody diluted at 1:500



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



Western blot analysis of lysates from LOVO cells, using Osteopontin Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA, pH 9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 30min).

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