

## Anti-Osteocalcin Rabbit pAb



WLH4378

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-Osteocalcin Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat	
<b>Tested applications</b>	WB	1:500-1:1000
	IHC, IF	1:100-1:400
<b>Cellular localization</b>	Secreted	
<b>Pack size</b>	50/100/200/500/1000µl	
<b>Storage</b>	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
<b>Storage buffer</b>	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

## General Information

**Background**

Bone  $\gamma$ -carboxyglutamic acid (Gla) protein, known as BGLAP, BGP or osteocalcin, is an abundant, non-collagenous protein component of bone that is produced by osteoblasts. The protein contains a Gla (gamma carboxyglutamate) domain, which functions in binding to calcium and hydroxyapatite, the mineral component of bone. Serum osteocalcin levels may be negatively correlated with metabolic syndrome.

**Immunogen**

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Osteocalcin.

**Purification**

Polyclonal antibody was purified by immunogen affinity chromatography.

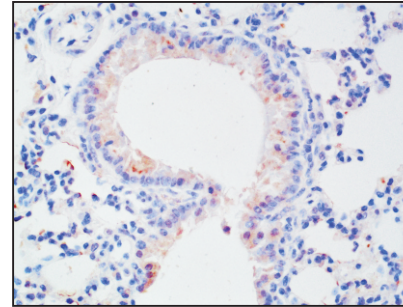
## Anti-Osteocalcin Rabbit pAb



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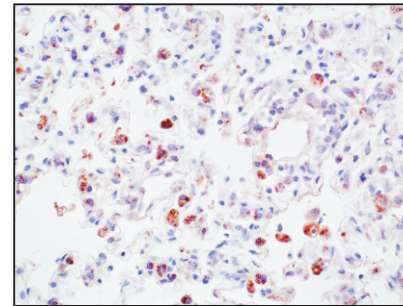
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## Product Images

**Immunohistochemistry-Anti-Osteocalcin pAb**

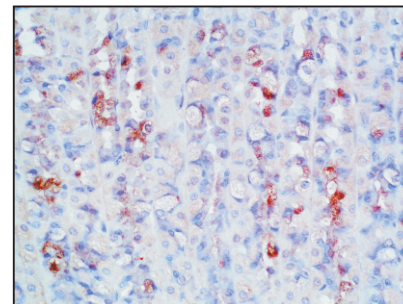
Immunohistochemical analysis of paraffin-embedded mouse lung using anti-Osteocalcin Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

**Immunohistochemistry-Anti-Osteocalcin pAb**

Immunohistochemical analysis of paraffin-embedded rat lung using anti-Osteocalcin Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

**Immunohistochemistry-Anti-Osteocalcin pAb**

Immunohistochemical analysis of paraffin-embedded rat stomach using anti-Osteocalcin Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

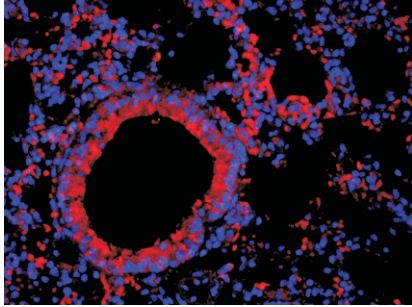
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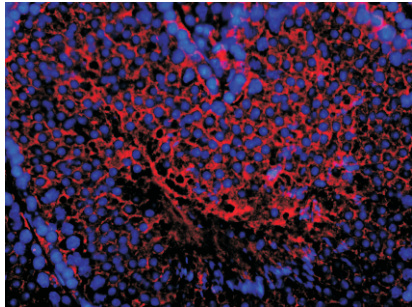
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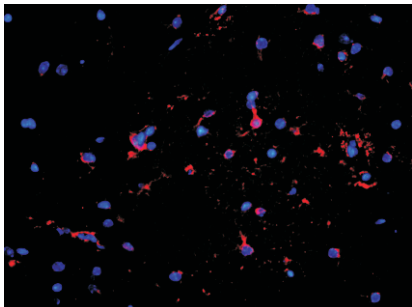
#### Immunofluorescence-Anti-Osteocalcin pAb

Immunofluorescence analysis of paraffin-embedded mouse lung using anti-Osteocalcin Rabbit Antibody at 1:200 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



#### Immunofluorescence-Anti-Osteocalcin pAb

Immunofluorescence analysis of paraffin-embedded mouse testicle using anti-Osteocalcin Rabbit Antibody at 1:200 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



#### Immunofluorescence-Anti-Osteocalcin pAb

Immunofluorescence analysis of paraffin-embedded mouse brain using anti-Osteocalcin Rabbit Antibody at 1:200 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

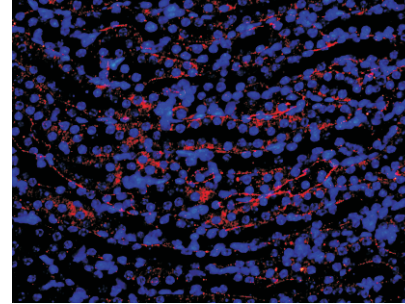
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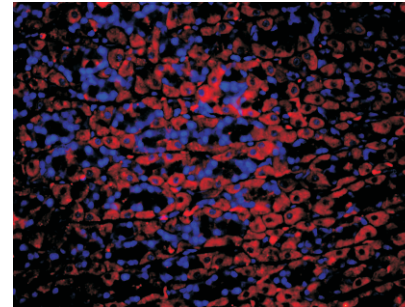
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### Product Images



#### Immunofluorescence-Anti-Osteocalcin pAb

Immunofluorescence analysis of paraffin-embedded mouse kidney using anti-Osteocalcin Rabbit Antibody at 1:200 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



#### Immunofluorescence-Anti-Osteocalcin pAb

Immunofluorescence analysis of paraffin-embedded rat stomach using anti-Osteocalcin Rabbit Antibody at 1:200 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0