

# oncomodulin Polyclonal antibody

Catalog Number: 21650-1-AP

## Basic Information

Catalog Number:	21650-1-AP	GenBank Accession Number:	BC113706	Purification Method:	Antigen affinity purification
Size:	900 µg/ml	GeneID (NCBI):	654231	Recommended Dilutions:	IHC 1:50-1:500
Source:	Rabbit	UNIPROT ID:	POCE72		
Isotype:	IgG	Full Name:	oncomodulin		
Immunogen Catalog Number:	AG16358	Calculated MW:	109 aa, 12 kDa		

## Applications

Tested Applications:	IHC, ELISA	Positive Controls:	
Species Specificity:	human	IHC : human placenta tissue,	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

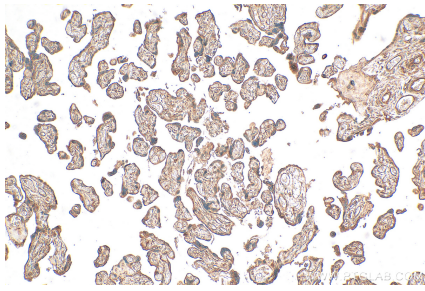
## Background Information

Oncomodulin (OCM) is a small EF-hand Ca<sup>2+</sup>-binding protein (CaBP) of approximately 12 kDa belonging to the parvalbumin family. Oncomodulin (OCM) consists of two active Ca<sup>2+</sup>-specific domains of the EF-hand type ("helix-loop-helix" motif), covered by an EF-hand domain with inactive EF-hand loop, which contains a highly conservative cysteine with unknown function.

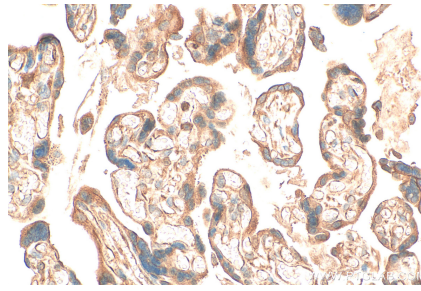
## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 21650-1-AP (OCM antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 21650-1-AP (OCM antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).