

For Research Use Only

oncomodulin Polyclonal antibody

Catalog Number: 21650-1-AP



Basic Information

Catalog Number:

21650-1-AP

Size:

150ul, Concentration: 900 ug/ml by Nanodrop and 707 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16358

GenBank Accession Number:

BC113706

GeneID (NCBI):

654231

UNIPROT ID:

P0CE72

Full Name:

oncomodulin

Calculated MW:

109 aa, 12 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human

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

Positive Controls:

IHC : human placenta tissue,

Background Information

Oncomodulin (OCM) is a small EF-hand Ca²⁺-binding protein (CaBP) of approximately 12 kDa belonging to the parvalbumin family. Oncomodulin (OCM) consists of two active Ca²⁺-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

*** 20ul sizes contain 0.1% BSA

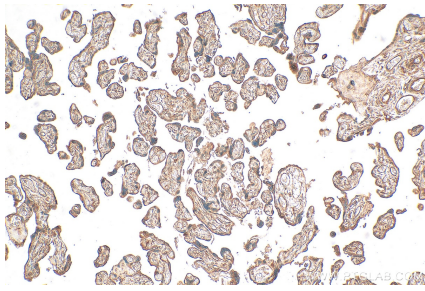
For technical support and original validation data for this product please contact:

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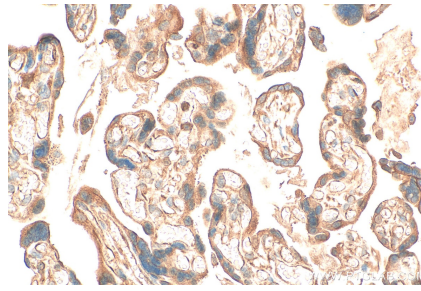
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Selected Validation Data



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).