

Product datasheet for **AP52994PU-N**

OIF (OGN) (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, IHC, WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/1000. Flow Cytometry: 1/10-1/50. Immunohistochemistry on Paraffin Sections: 1/50-1/100.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 246-276 amino acids from the C-terminal region of Human Mimecan.
Specificity:	This antibody recognizes Human Mimecan (C-term).
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	osteoglycin
Database Link:	Entrez Gene 4969 Human P20774



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Background:

This gene encodes a protein which induces ectopic bone formation in conjunction with transforming growth factor beta. This protein is a small proteoglycan which contains tandem leucine-rich repeats (LRR). Alternatively spliced transcript variants that encode the same protein have been found for this gene. [provided by RefSeq].

Synonyms:

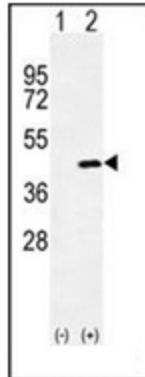
Osteoglycin, Osteoinductive factor, OGN, OIF, SLRR3A

Note:

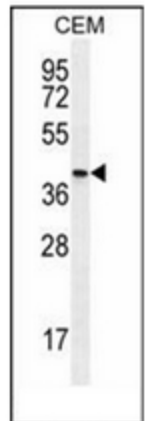
Molecular Weight: 33922 Da

Protein Families:

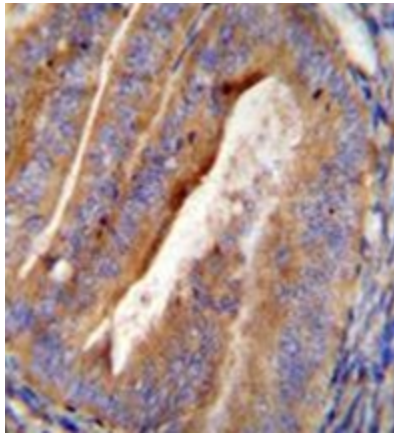
Secreted Protein

Product images:


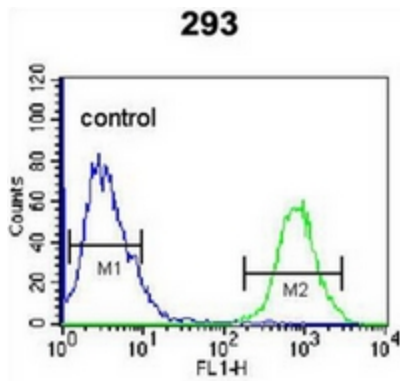
Western blot analysis of OGN (arrow) using rabbit polyclonal OGN Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the OGN gene.



Western blot analysis of OGN Antibody (C-term) in CEM cell line lysates (35ug/lane). This demonstrates the OGN antibody detected the OGN protein (arrow).



Immunohistochemistry analysis in formalin fixed and paraffin embedded human uterus tissue reacted with OGN Antibody (C-term) followed by peroxidase conjugation of the secondary antibody and DAB staining.T



Flow cytometric analysis of 293 cells using OGN Antibody (C-term) (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.