

Oif Antibody / Osteoinductive factor (RQ4434)

Catalog No.	Formulation	Size
RQ4434	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q62000
Applications	Western Blot : 0.5-1ug/ml Direct ELISA : 0.1-0.5ug/ml (recombinant mouse protein) (BSA-free format available)
Limitations	This Oif antibody is available for research use only.



Western blot testing of 1ng of recombinant mouse protein with Oif antibody at 0.5ug/ml.

Description

Osteoglycin (also called Mimecan, OIF and Osteoinductive factor), encoded by the OGN gene, is a human protein. This gene encodes a member of the small leucine-rich proteoglycan (SLRP) family of proteins. The encoded protein induces ectopic bone formation in conjunction with transforming growth factor beta and may regulate osteoblast differentiation. High expression of the encoded protein may be associated with elevated heart left ventricular mass.

Application Notes

Optimal dilution of the Oif antibody should be determined by the researcher.

Immunogen

A mouse partial recombinant protein corresponding to amino acids A20-F298 was used as the immunogen for the Oif antibody.

Storage

After reconstitution, the Oif antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.