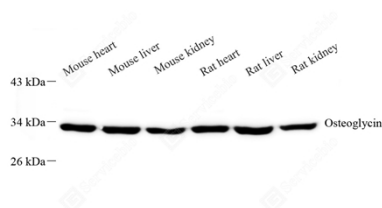


Anti-OIF Rabbit pAb



GB111845 -20°C

Product Information			
Protein full name	Mimecan		
Synonyms	Osteoglycin, Ogn, Og, Osteoinductive factor, SLRR3A, OIF		
Immunogen	Recombinant protein corresponding to Mouse OIF		
Uniprot ID	Q62000		
Isotype	IgG		
Purity	Affinity purification		
Predicted MW./Observed MW.	34 kDa / 34 kDa		
Applications	Species	Dilution	Positive Tissue
WB	Mouse, Rat	1: 500-1: 1000	heart, liver, kidney
Storage			
Storage	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Storage Buffer	PBS with 0.15% ProClin300, 100 µg/mL BSA and 50% glycerol.		
background			
Mimecan induces ectopic bone formation in conjunction with transforming growth factor beta. Mimecan is a small proteoglycan which contains tandem leucine-rich repeats. Mimecan is encoded by the OGN gene, a member of the small leucine-rich proteoglycan (SLRP) family of proteins. Mimecan induces ectopic bone formation in conjunction with transforming growth factor beta (TGF-beta-1 or TGF-beta-2) and may regulate osteoblast differentiation. High expression of mimecan protein may be associated with elevated heart left ventricular mass. Alternative splicing results in multiple transcript variants of mimecan.			
Images			



WB analysis of OIF(GB111845).
 Sample: Protein treated by RIPA Lysis Buffer (G2002).
 Blocking buffer: 3% Nonfat dry milk (GC310001) in TBST, RT, 1h.
 Primary antibody: 1: 500, 4°C overnight.
 Secondary antibody: HRP conjugated Goat Anti-Rabbit IgG (H+L) (GB23303), 1: 5000, RT, 1h.

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