

For Research Use Only

OLFM4 Polyclonal antibody

Catalog Number: 28432-1-AP

1 Publications



Basic Information

Catalog Number:	28432-1-AP	GenBank Accession Number:	NM_006418	Purification Method:	Antigen affinity purification
Size:	700 µg/ml	GeneID (NCBI):	10562	Recommended Dilutions:	IHC 1:500-1:2000
Source:	Rabbit	UNIPROT ID:	Q6UX06		
Isotype:	IgG	Full Name:	olfactomedin 4		
Immunogen Catalog Number:	AG28914	Calculated MW:	57 kDa		

Applications

Tested Applications:	IHC, ELISA	Positive Controls:	
Cited Applications:	IF	IHC :	human small intestine tissue,
Species Specificity:	Human		
Cited Species:	mouse		
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

Olfactomedin-4 (OLFM4), also named as hGC-1 (human G-CSF-stimulated clone-1) or antiapoptotic protein GW112, is a secreted glycoprotein normally expressed in bone marrow, prostate, small intestine, stomach, colon and pancreas (PMID: 11867215; PMID: 22471589). OLFM4 has been found to be up-regulated in gastrointestinal cancer and inflammatory disease including inflammatory bowel disease and H. pylori infection (PMID: 20534456). OLFM4 is involved in cellular process such as apoptosis, cell adhesion and tumor growth (PMID: 22471589; 16566923; 15059901).

Notable Publications

Author	Pubmed ID	Journal	Application
Ketty Sinigaglia	39146181	Cell Rep	IF

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

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

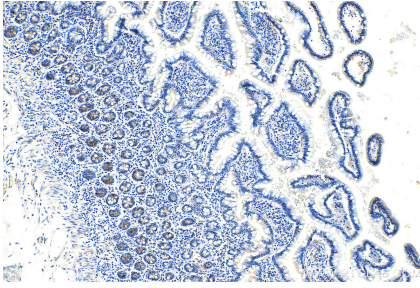
T: 4006900926

E: Proteintech-CN@ptglab.com

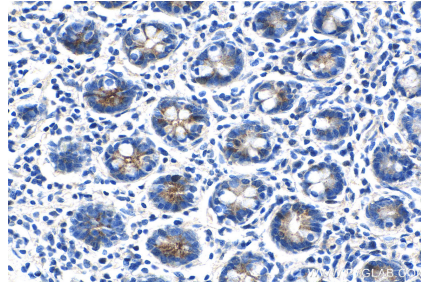
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 28432-1-AP (OLFM4 antibody) at dilution of 1:1000 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 28432-1-AP (OLFM4 antibody) at dilution of 1:1000 (under 40x lens).