

For Research Use Only

OLFM4 Polyclonal antibody

Catalog Number: 28432-1-AP



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: IHC : human small intestine tissue,
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	

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).

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:

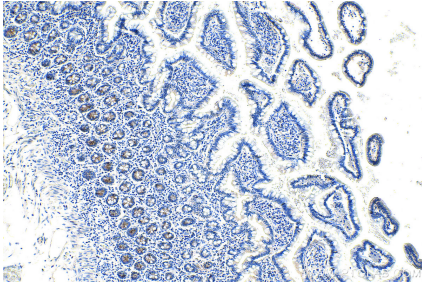
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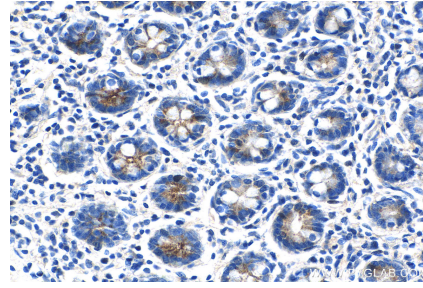
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Selected Validation Data



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).