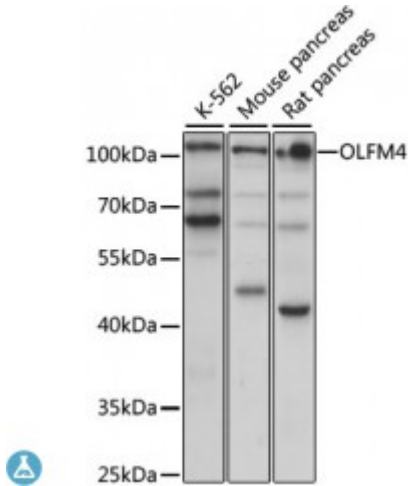


Anti-OLFM4 Antibody



Description

This gene was originally cloned from human myeloblasts and found to be selectively expressed in inflamed colonic epithelium. This gene encodes a member of the olfactomedin family. The encoded protein is an antiapoptotic factor that promotes tumor growth and is an extracellular matrix glycoprotein that facilitates cell adhesion.

Model	STJ117582
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 211-510 of human OLFM4 (NP_006409.3).
Gene ID	10562
Gene Symbol	OLFM4
Dilution range	WB 1:200 - 1:2000
Tissue Specificity	Expressed during myeloid lineage development, Much higher expression in bone marrow neutrophils than in peripheral blood neutrophils (at protein level), Strongly expressed in the prostate, small intestine and colon and moderately expressed in the bone marrow and stomach, Overexpressed in some pancreatic cancer tissues
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Olfactomedin-4 OLM4 Antiapoptotic protein GW112 G-CSF-stimulated

	clone 1 protein hGC-1 hOLfD
Molecular Weight	57.28 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:171900MIM:614061Reactome:R-HSA-6798695
Alternative Names	Olfactomedin-4 OLM4 Antiapoptotic protein GW112 G-CSF-stimulated clone 1 protein hGC-1 hOLfD
Function	May promote proliferation of pancreatic cancer cells by favoring the transition from the S to G2/M phase, In myeloid leukemic cell lines, inhibits cell growth and induces cell differentiation and apoptosis, May play a role in the inhibition of EIF4EBP1 phosphorylation/deactivation, Facilitates cell adhesion, most probably through interaction with cell surface lectins and cadherin,
Cellular Localization	Secreted, extracellular space, Mitochondrion,
Post-translational Modifications	N-glycosylated

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