

OLFM4 Rabbit pAb

CatalogNo: YN7491

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- WB

MW

- 56kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human OLFM4

Specificity This antibody detects endogenous levels of OLFM4 at Human

Target Information

Gene name OLFM4 GW112 UNQ362/PRO698

Protein Name	Olfactomedin-4 (OLM4) (Antiapoptotic protein GW112) (G-CSF-stimulated clone 1 protein) (hGC-1) (hOLF4)		
	Organism	Gene ID	UniProt ID
	Human	10562 ;	Q6UX06 ;
	Mouse		Q3UZZ4 ;
Cellular Localization	Secreted, extracellular space. Mitochondrion. Subcellular location is not clearly defined: has been shown to be secreted (PubMed:16566923), but also in the mitochondrion (PubMed:15059901 and PubMed:20724538), cytoplasm and plasma membrane (PubMed:20724538) and in the nucleus (PubMed:15059901). .		
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.		
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.		

Validation Data

Contact information

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OLFM4 Rabbit pAb

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