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Datasheet for ABIN718046

anti-Olfactomedin 4 antibody (AA 111-510)

3 Images

Overview

Quantity:	100 µL
Target:	Olfactomedin 4 (OLFM4)
Binding Specificity:	AA 111-510
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Olfactomedin 4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human OLFM4
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Olfactomedin 4 (OLFM4)
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Target Details

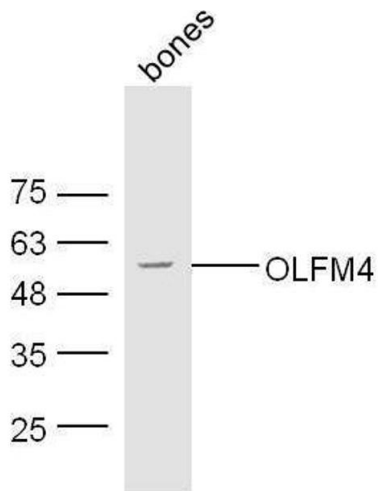
Alternative Name:	OLFM4 (OLFM4 Products)
Background:	<p>Synonyms: GC1, OLM4, OlfD, GW112, hGC-1, hOLfD, UNQ362, bA209J19.1, Olfactomedin-4, Antiapoptotic protein GW112, G-CSF-stimulated clone 1 protein, OLFM4, UNQ362/PRO698</p> <p>Background: May promote proliferation of pancreatic cancer cells by favoring 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.</p>
Gene ID:	10562
UniProt:	Q6UX06

Application Details

Application Notes:	<p>WB 1:300-5000</p> <p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

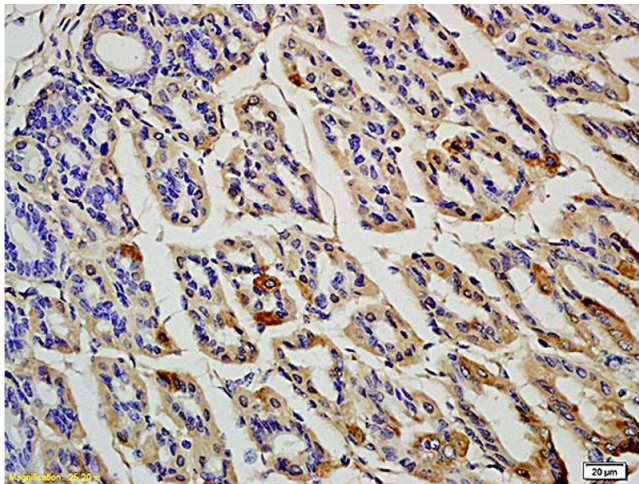
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



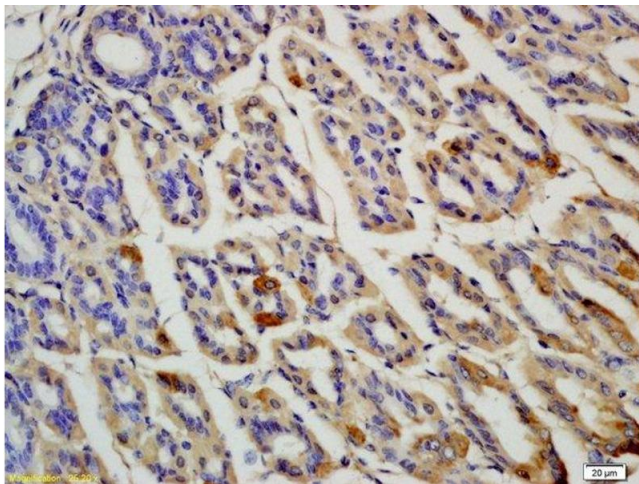
Western Blotting

Image 1. Mouse bone lysates probed with Rabbit Anti-Polyclonal Antibody, Unconjugated at 1:500 for 90 min at 37°C.



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded rat colon labeled with Anti OLFM4 Polyclonal Antibody, Unconjugated (ABIN718046) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin embedded rat colon labeled with Anti OLFM4 Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining