



[Go to Product page](#)

Datasheet for ABIN7162139

anti-Olfactomedin 4 antibody (AA 224-334)

3 Images

Overview

Quantity:	100 µg
Target:	Olfactomedin 4 (OLFM4)
Binding Specificity:	AA 224-334
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Olfactomedin 4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Recombinant Human Olfactomedin-4 protein (224-334AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	Olfactomedin 4 (OLFM4)
Alternative Name:	OLFM4 (OLFM4 Products)
Background:	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

Target Details

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.

Aliases: Antiapoptotic protein GW112 antibody, bA209J19.1 antibody, G-CSF-stimulated clone 1 protein antibody, GC1 antibody, GW112 antibody, hGC 1 antibody, hGC-1 antibody, hOLfD antibody, KIAA4294 antibody, olfactomedin 4 antibody, Olfactomedin-4 antibody, OlfD antibody, OLFM4 antibody, OLFM4_HUMAN antibody, OLM4 antibody, UNQ362 antibody

UniProt: [Q6UX06](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

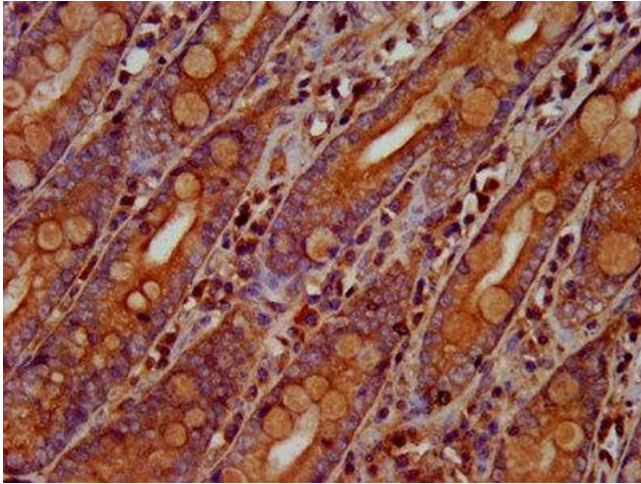
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

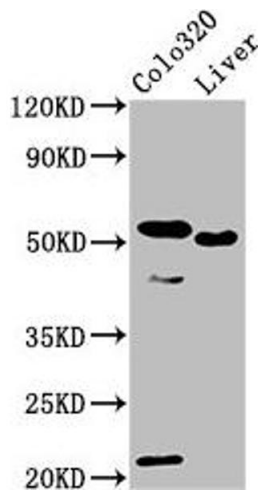
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



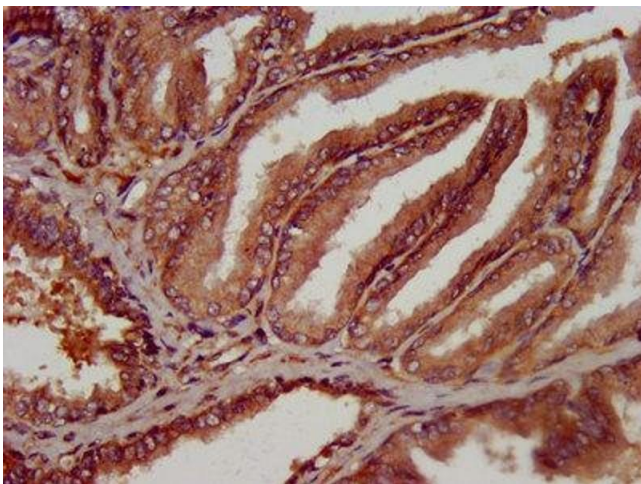
Immunohistochemistry

Image 1. IHC image of ABIN7162139 diluted at 1:300 and staining in paraffin-embedded human small intestine tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: Colo320 whole cell lysate, Rat liver tissue All lanes: OLFM4 antibody at 10 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 58 kDa Observed band size: 58 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7162139 diluted at 1:300 and staining in paraffin-embedded human prostate tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.