

Datasheet for ABIN7168797
anti-SEMA4B antibody (AA 163-253)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	SEMA4B
Binding Specificity:	AA 163-253
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SEMA4B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Semaphorin-4B protein (163-253AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	SEMA4B
Alternative Name:	SEMA4B (SEMA4B Products)
Background:	Background: Inhibits axonal extension by providing local signals to specify territories inaccessible for growing axons.

Target Details

Aliases: SEMA4B antibody, KIAA1745 antibody, SEMAC antibody, UNQ749/PRO1480 antibody, Semaphorin-4B antibody, Semaphorin-C antibody

UniProt: [Q9NPR2](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:100-1:300, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

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

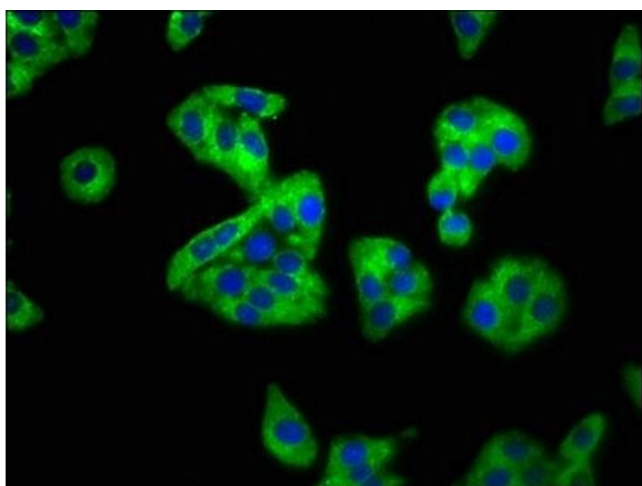
Preservative: ProClin

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

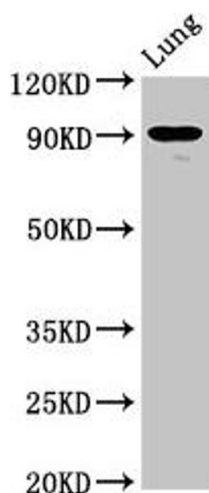
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



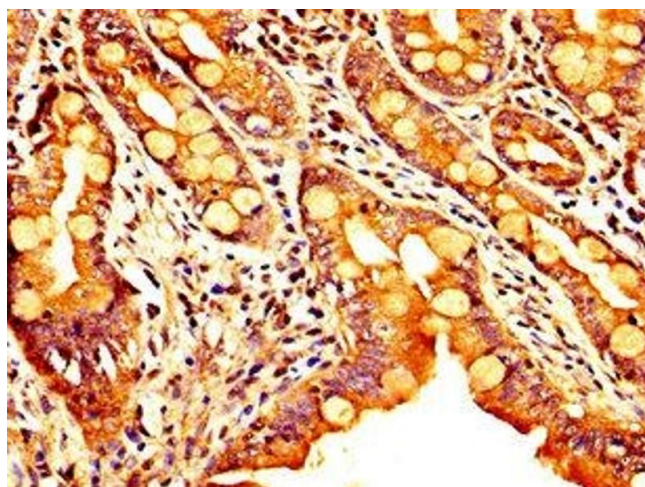
Immunofluorescence

Image 1. Immunofluorescence staining of HepG2 cells with ABIN7168797 at 1:100, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blotting

Image 2. Western Blot Positive WB detected in: Rat lung tissue All lanes: SEMA4B antibody at 6.3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 93, 82 kDa Observed band size: 93 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7168797 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.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7168797.