

Datasheet for ABIN7438253  
**anti-SEMA5B antibody (AA 36-161)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	SEMA5B
Binding Specificity:	AA 36-161
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SEMA5B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## Product Details

Purpose:	Polyclonal Antibody to Semaphorin 5B (SEMA5B)
Immunogen:	Recombinant Semaphorin 5B (SEMA5B) corresponding to Leu36~Glu161 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against SEMA5B. It has been selected for its ability to recognize SEMA5B in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

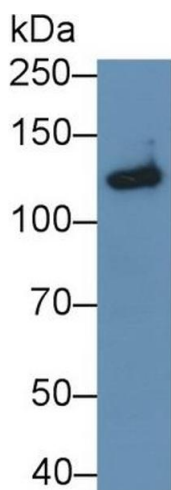
Target:	SEMA5B
Alternative Name:	Semaphorin 5B ( <a href="#">SEMA5B Products</a> )
Background:	SEMAG, SemG, Sema Domain, Immunoglobulin Domain(Ig), Transmembrane Domain(TM) and Short Cytoplasmic Domain 5B

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

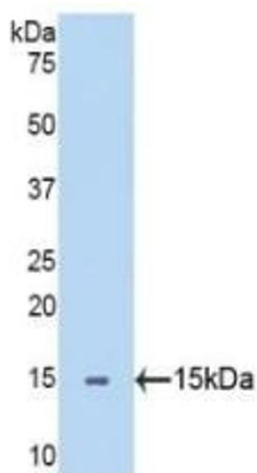
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



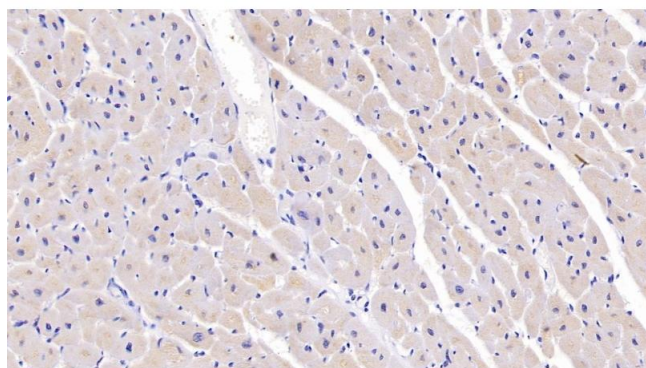
#### Western Blotting

**Image 1.** Detection of SEMA5B in Rat Cerebrum lysate using Polyclonal Antibody to Semaphorin 5B (SEMA5B)



#### Western Blotting

**Image 2.** Detection of Recombinant SEMA5B, Human using Polyclonal Antibody to Semaphorin 5B (SEMA5B)



#### Immunohistochemistry

**Image 3.** Detection of SEMA5B in Human Cardiac Muscle Tissue using Polyclonal Antibody to Semaphorin 5B (SEMA5B)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7438253.