

Datasheet for ABIN389166
anti-SEMA5A antibody (AA 1006-1035)[Go to Product page](#)

2 Images

Overview

Quantity:	400 µL
Target:	SEMA5A
Binding Specificity:	AA 1006-1035
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SEMA5A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This Mouse Sema5a antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1006-1035 amino acids from mouse Sema5a.
Clone:	RB8966
Isotype:	Ig Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	SEMA5A
Alternative Name:	SEMA5A (SEMA5A Products)

Target Details

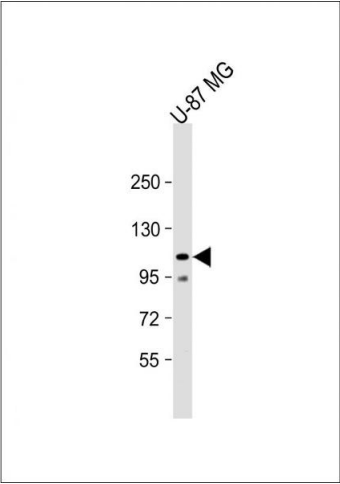
Background:	Members of the semaphorin protein family, such as SEMA5A, are involved in axonal guidance during neural development.
Molecular Weight:	120615
Gene ID:	20356
NCBI Accession:	NP_003957
UniProt:	Q13591

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000
Restrictions:	For Research Use only

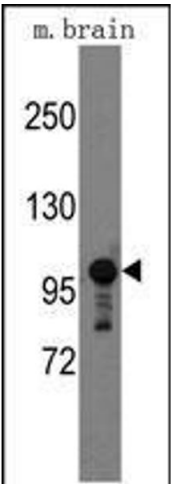
Handling

Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Western Blotting

Image 1. Anti-Semaphorin 5A (C-term) at 1:1000 dilution + U-87 MG whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 121 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 2. Western blot analysis of mouse anti-Semaphorin 5A Pab (ABIN389166 and ABIN2839332) in mouse brain tissue lysates (35 µg/lane). Semaphorin 5A (arrow) was detected using the purified Pab.