

Datasheet for ABIN6719617 **anti-SEMA3B antibody (AA 55-624)**



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	SEMA3B
Binding Specificity:	AA 55-624
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SEMA3B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Rabbit IgG polyclonal antibody for Semaphorin 3B/SEMA3B detection. Tested with WB, Direct ELISA in Human,Mouse,Rat.
Immunogen:	E.coli-derived human Semaphorin 3B/SEMA3B recombinant protein (Position: Y55-R624).
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Semaphorin 3B/SEMA3B detection. Tested with WB, Direct ELISA in Human,Mouse,Rat.
Purification:	Immunogen affinity purified.

Target Details

Target:	SEMA3B
Alternative Name:	SEMA3B (SEMA3B Products)
Background:	<p>Synonyms: Semaphorin-3B, Sema A(V), Semaphorin-V, Sema V, SEMA3B, SEMA5, SEMAA,</p> <p>Background: Semaphorin-3B is a protein that in humans is encoded by the SEMA3B gene. It is mapped to 3p21.31. The semaphorin/collapsin family of molecules plays a critical role in the guidance of growth cones during neuronal development. The secreted protein encoded by this gene family member is important in axonal guidance and has been shown to act as a tumor suppressor by inducing apoptosis.</p>
Gene ID:	7869
UniProt:	Q13214

Application Details

Application Notes:	Application details: Western blot 0.1-0.5 µg/mL Direct ELISA 0.1-0.5 µg/mL
Comment:	Tested Species: In-house tested species with positive results. Other applications have not been tested. Optimal dilutions should be determined by end users.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4, 0.05 mg 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:	<p>At -20°C for one year. After reconstitution, at 4°C for one month.</p> <p>It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.</p>