

Datasheet for ABIN6243847
anti-SEMA7A antibody (C-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	50 µL
Target:	SEMA7A
Binding Specificity:	AA 521-555, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SEMA7A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This SEMA7A antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 521-555 amino acids from the C-terminal region of human SEMA7A.
Clone:	RB30735
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	SEMA7A
Alternative Name:	SEMA7A (SEMA7A Products)
Background:	Plays an important role in integrin-mediated signaling and functions both in regulating cell

Target Details

migration and immune responses. Promotes formation of focal adhesion complexes, activation of the protein kinase PTK2/FAK1 and subsequent phosphorylation of MAPK1 and MAPK3. Promotes production of proinflammatory cytokines by monocytes and macrophages. Plays an important role in modulating inflammation and T-cell-mediated immune responses. Promotes axon growth in the embryonic olfactory bulb. Promotes attachment, spreading and dendrite outgrowth in melanocytes.

Molecular Weight: 74824

UniProt: [O75326](#)

Pathways: [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Regulation of Cell Size](#)

Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

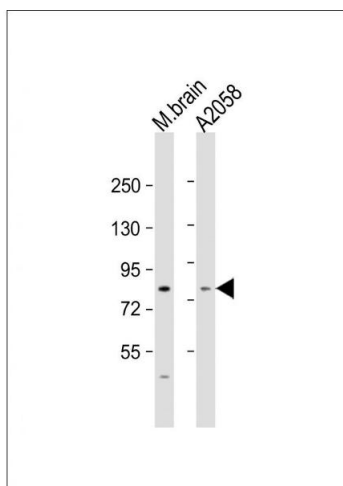
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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

Expiry Date: 6 months



Western Blotting

Image 1. All lanes : Anti-SEA Antibody (C-term) at 1:2000 dilution Lane 1: mouse brain lysate Lane 2: 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 : 75 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.