

Anti-Semaphorin-3A (N-terminal) Antibody

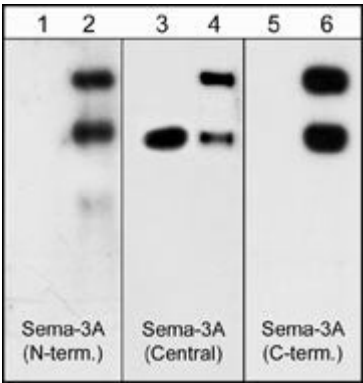


Product Details

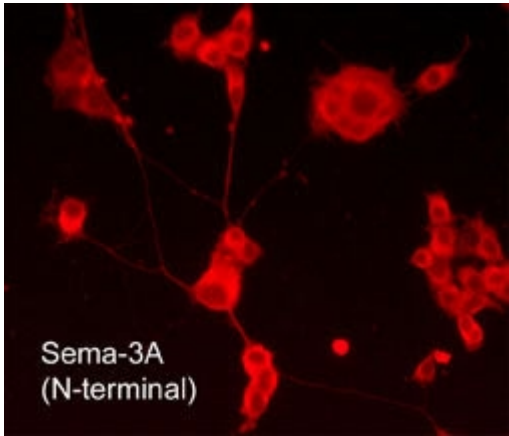
Available Variants	100 µL (SKU:SP1401)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	SEMA3A
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:1000 ICC: 1:400
Species Reactivity	Human, Mouse, Rat
Immunogen	Semaphorin 3A synthetic peptide (coupled to carrier protein) corresponding to amino acids in the N-terminal region of human Sema3A. The sequence used is identical to similar regions in rat and mouse Sema3A, and has low homology to other semaphorin family members.
Specificity	The antibody detects a 95kDa* protein corresponding to the apparent molecular mass of Sema3A on SDS-PAGE immunoblots of human recombinant Sema3A/Fc chimera. This antibody has not been shown to be reactive in neonatal rat brain, but has weak reactivity in adult mouse brain.
Molecular Weight	95
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	Q14563
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

Product Images



Western blots of neonatal rat brain (lanes 1, 3 & 5) and human recombinant Sema3A/Fc chimera (95/125 kDa) (lanes 2, 4 & 6). Blots were probed with anti-Sema3A (SP1401) (lanes 1 & 2), anti-Sema3A (SP1221) (lanes 3 & 4) and anti-Sema3A (SP1241) (lane 5 & 6). The antibodies recognize both the 95 kDa and 125 kDa forms of the recombinant Sema3A.



Immunocytochemical labeling of Sema-3A in aldehyde-fixed and NP-40-permeabilized NGF-differentiated PC12 cells. The cells were labeled with rabbit polyclonal Sema-3A (N-terminal) antibody (SP1401), then the antibody was detected using appropriate secondary antibody conjugated to DyLight® 594.



Created on 02. September 2026 | All information without guarantee