

Datasheet for ABIN295494

anti-Plexin A3 antibody (AA 34-150)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Plexin A3 (PLXNA3)
Binding Specificity:	AA 34-150
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Plexin A3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	E. coli-derived recombinant mouse Plexin A3 (aa34-150).
Isotype:	IgG
Specificity:	Selected for its ability to recognize mouse Plexin A3 in the applications listed. In direct ELISAs and Western Blots, this antibody shows less than 5 % cross-reactivity with rmPlexin A1, rmPlexin A2, rhPlexin B1, rhPlexin C1, and rhPlexin D1.
Purification:	Affinity purified

Target Details

Target:	Plexin A3 (PLXNA3)
Alternative Name:	PLXNA3 / Plexin A3 (PLXNA3 Products)

Target Details

Background:	Name/Gene ID: PLXNA3
	Synonyms: PLXNA3, 6.3, HSSEXGENE, Plexin-A3, SEX, Plexin A3, Plexin-4, PLXN3, PLXN4, XAP-6, Semaphorin receptor SEX
Gene ID:	55558
UniProt:	P51805
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	Approved: ELISA, IHC, WB
	Usage: Western Blot: This antibody can be used at 0.1-0.2 µg/mL with the appropriate secondary reagents to detect mouse Plexin A3. The detection limit for rmPlexin A3 is approximately 2 ng/lane under non-reducing and reducing conditions. Immunohistochemistry: This antibody has been used at a concentration of 10 µg/mL to detect Plexin A3 in cryosections of E13 mouse embryos. Tissue was fixed overnight in 4 % PFA+14 %picric acid in PBS at 4? C. Sections were blocked with 10 % donkey serum and 0.1 % Triton in 1 % BSA in PBS for 45 minutes at room temperature. After blocking, sections were incubated with primary antibody for 3 hours at room temperature followed by NorthernLights 557 donkey anti-goat IgG at room temperature for 1 hour. Between each step, sections were washed with 0.1 % BSA in PBS. Direct ELISA: This antibody can be used at 0.5-1.0 µg/mL with the appropriate secondary reagents to detect mouse Plexin A3. The detection limit for rmPlexin A3 is approximately 1.0 ng/well.
Comment:	Target Species of Antibody: Mouse
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	deionized water
Concentration:	Lot specific
Buffer:	Lyophilized.