

Datasheet for ABIN7163700
anti-Plexin A4 antibody (AA 24-522)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	Plexin A4 (PLXNA4)
Binding Specificity:	AA 24-522
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Plexin A4 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	Recombinant Human Plexin-A4 protein (24-522AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Plexin A4 (PLXNA4)
Alternative Name:	PLXNA4 (PLXNA4 Products)
Background:	Background: Coreceptor for SEMA3A. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance in the developing

Target Details

nervous system. Class 3 semaphorins bind to a complex composed of a neuropilin and a plexin. The plexin modulates the affinity of the complex for specific semaphorins, and its cytoplasmic domain is required for the activation of down-stream signaling events in the cytoplasm.

Aliases: FAYV2820 antibody, KIAA1550 antibody, PLEXA4 antibody, Plexin-A4 antibody, PlexinA4 antibody, PLXA4_HUMAN antibody, plxna4 antibody, PLXNA4A antibody, PLXNA4B antibody, PRO34003 antibody, UNQ2820/PRO34003 antibody

UniProt: [Q9HCM2](#)

Pathways: [Regulation of Cell Size](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000,

Restrictions: For Research Use only

Handling

Format: Liquid

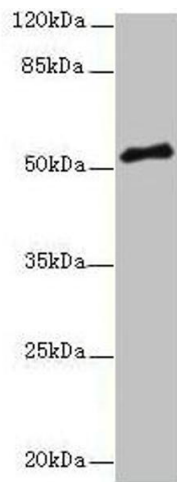
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot All lanes: PLXNA4 antibody at 3 μ g/mL + A549 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 213, 56, 59, 40 kDa Observed band size: 56 kDa