

# Anti-PLXNA4 / Plexin A4 Antibody (Internal)

Rabbit Anti Human Polyclonal Antibody  
Catalog # ALS18451

## Product Information

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<b>Application</b>	WB, IHC-P
<b>Primary Accession</b>	<a href="#">Q9HCM2</a>
<b>Predicted</b>	Human, Mouse, Rat
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	212455
<b>Concentration (mg/ml)</b>	1 mg/ml

## Additional Information

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<b>Gene ID</b>	91584
<b>Alias Symbol</b>	PLXNA4
<b>Other Names</b>	PLXNA4, KIAA1550, PLXNA4A, Plexin A4, A, Plexin-A4, PLXNA4B, Plexin A4, Plexin A4, B, FAYV2820, PLEXA4, PRO34003
<b>Target/Specificity</b>	Recognizes endogenous levels of Plexin A4 protein.
<b>Reconstitution &amp; Storage</b>	Immunoaffinity purified
<b>Precautions</b>	Anti-PLXNA4 / Plexin A4 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	PLXNA4
<b>Synonyms</b>	KIAA1550, PLXNA4A, PLXNA4B
<b>Function</b>	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 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 (By similarity).
<b>Cellular Location</b>	Cell membrane; Single-pass type I membrane protein