

## Plexin-A1 Polyclonal Antibody

Catalog No: #42579

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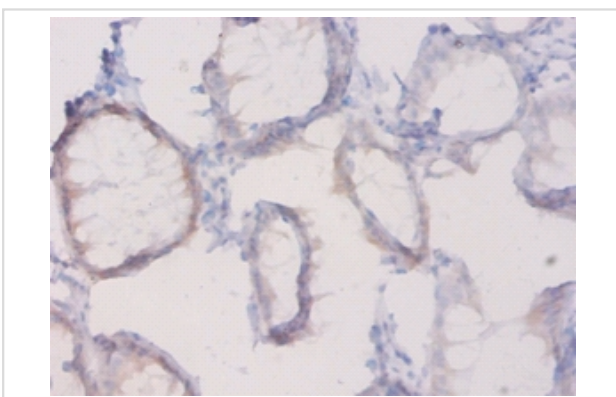
## Description

Product Name	Plexin-A1 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Plexin-A1 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Plexin-A1 protein
Target Name	Plexin-A1
Other Names	Semaphorin receptor NOV, PLXNA1, NOV, PLXN1
Accession No.	Swiss-Prot#: Q9UIW2
Uniprot	Q9UIW2
GeneID	5361;
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

## Application Details

Immunohistochemistry: 1:20 - 1:200

## Images



Immunohistochemical analysis of paraffin-embedded human colon cancer using #42579 at dilution of 1:20.

## Background

Coreceptor for SEMA3A, SEMA3C, SEMA3F and SEMA6D. Necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance, invasive growth and cell migration. 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

## References

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[1] "The DNA sequence, annotation and analysis of human chromosome 3." Muzny D.M., Scherer S.E., Kaul R., Wang J., Yu J., Sudbrak R., Buhay C.J., Chen R., Cree A., Ding Y., Dugan-Rocha S., Gill R., Gunaratne P., Harris R.A., Hawes A.C., Hernand

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Note: This product is for in vitro research use only