

Rabbit anti-Human Plexin-A3 Polyclonal Antibody | anti-PLXNA3 antibody

Rabbit anti-Plexin-A3 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212716	Rabbit	Human	Immunoprecipitation, Western Blot

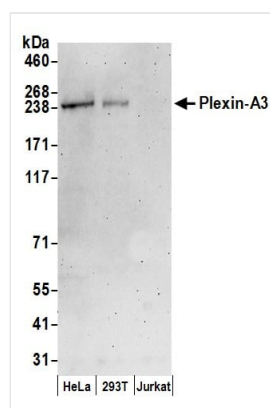
PRODUCT SYNONYMS

Plexin-A3; Polyclonal Antibody; Rabbit anti-Plexin-A3 Antibody; Affinity Purified; HSSEXGENE; PLXN4; XAP-6; Sex chromosome X transmembrane protein of HGF receptor family 3; semaphorin receptor SEX; plexin-4; plexin-A3; 6.3; PLXN3; plexin A3; anti-PLXNA3 antibody

PRODUCT SPECIFICATIONS

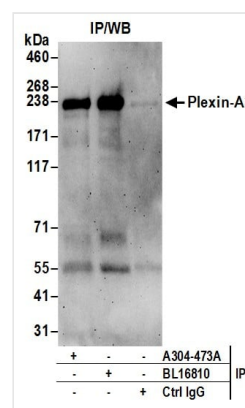
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PLXNA3 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 1075 and 1125
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human Plexin-A3 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using RIPA lysis buffer. Antibodies: Affinity purified rabbit anti-Plexin-A3 antibody AAA212716 (lot AAA212716-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human Plexin-A3 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using RIPA lysis buffer. Antibodies: Affinity purified rabbit anti-Plexin-A3 antibody AAA212716 (lot AAA212716-1) used for IP at 6 ug per reaction. Plexin-A3 was also immunoprecipitated by rabbit anti-Plexin-A3 antibody BL16810. For blotting immunoprecipitated Plexin-A3, AAA212716 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

ADDITIONAL INFORMATION

Related Product Information for anti-PLXNA3 antibody	Plexin-A3 is a coreceptor for SEMA3A and SEMA3F. It is necessary for signaling by class 3 semaphorins and subsequent remodeling of the cytoskeleton. Plexin-A3 plays a role in axon guidance in the developing nervous system. It regulates the migration of sympathetic neurons, but not of neural crest precursors. Plexin-A3 is required for normal dendrite spine morphology in pyramidal neurons. It may play a role in regulating semaphorin-mediated programmed cell death 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 [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P51805].
Product Categories/Family for anti-PLXNA3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	533112479
NCBI GeneID	55558
NCBI Accession #	NP_059984.3
NCBI GenBank Nucleotide #	NM_017514.4
UniProt Accession #	P51805 ; Q5HY36
Molecular Weight	207,703 Da
NCBI Official Full Name	plexin-A3
NCBI Official Synonym Full Names	plexin A3
NCBI Official Symbol	PLXNA3
NCBI Official Synonym Symbols	6.3; PLXN3; PLXN4; XAP-6; HSSEXGENE
NCBI Protein Information	plexin-A3
UniProt Protein Name	Plexin-A3
UniProt Gene Name	PLXNA3
UniProt Synonym Gene Names	PLXN4; SEX

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/plexin-a3-antibody-immunoprecipitation-western-blot-elisa/212716>