



# Anti-PLXNA3 (aa 23-128) polyclonal antibody (DPAB-DC2414)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes a member of the plexin class of proteins. The encoded protein is a class 3 semaphorin receptor, and may be involved in cytoskeletal remodeling and as well as apoptosis. Studies of a similar gene in zebrafish suggest that it is important for axon pathfinding in the developing nervous system. This gene may be associated with tumor progression.
<b>Immunogen</b>	PLXNA3 (NP_059984, 23 a.a. ~ 128 a.a) partial recombinant protein with GST tag. The sequence is FRAFVVTDTTLTHLAVHRVTGEVFGAVNRVFKLAPNLTELRAHVTGPVEDNARCYPPTS MRVCAHRLAPVDNINKLLLDYAARRLVACGSIWQGICQFLRLDDL
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

**Gene Name** [PLXNA3 plexin A3 \[ Homo sapiens \(human\) \]](#)

<b>Official Symbol</b>	PLXNA3
<b>Synonyms</b>	PLXNA3; plexin A3; 6.3; PLXN3; PLXN4; XAP-6; HSSEXGENE; plexin-A3; plexin-4; semaphorin receptor SEX; Sex chromosome X transmembrane protein of HGF receptor family 3;
<b>Entrez Gene ID</b>	<a href="#">55558</a>
<b>Protein Refseq</b>	<a href="#">NP_059984</a>
<b>UniProt ID</b>	<a href="#">P51805</a>
<b>Chromosome Location</b>	Xq28
<b>Pathway</b>	Axon guidance; Developmental Biology; Sema3A PAK dependent Axon repulsion.
<b>Function</b>	protein binding; semaphorin receptor activity; transmembrane signaling receptor activity;