



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

Antigen Description	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.
Immunogen	PLXNA3 (NP_059984, 23 a.a. ~ 128 a.a) partial recombinant protein with GST tag. The sequence is FRAFVVTDLLTHLAVHRVTGEVFVGAVNRVFKLAPNLTELRAHVTGPVEDNARCYPPPS MRVCAHRLAPVDNINKLLLIDYAARRLVACGSIWQGICQFLRDDL
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	PLXNA3 plexin A3 [Homo sapiens (human)]
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Official Symbol	PLXNA3
Synonyms	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;
Entrez Gene ID	55558
Protein Refseq	NP_059984
UniProt ID	P51805
Chromosome Location	Xq28
Pathway	Axon guidance; Developmental Biology; Sema3A PAK dependent Axon repulsion.
Function	protein binding; semaphorin receptor activity; transmembrane signaling receptor activity;
