

PLXNA2 rabbit monoclonal antibody

Catalog # H00005362-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PLXNA2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PLXNA2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PLXNA2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — PLXNA2

Entrez GeneID	5362
GeneBank Accession#	PLXNA2
Gene Name	PLXNA2
Gene Alias	FLJ11751, FLJ30634, KIAA0463, OCT, PLXN2
Gene Description	plexin A2
Omim ID	601054
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the plexin-A family of semaphorin co-receptors. Semaphorins are a large family of secreted or membrane-bound proteins that mediate repulsive effects on axon pathfinding during nervous system development. A subset of semaphorins are recognized by plexin-A/neuropilin transmembrane receptor complexes, triggering a cellular signal transduction cascade that leads to axon repulsion. This plexin-A family member is thought to transduce signals from semaphorin-3A and -3C. [provided by RefSeq]
Other Designations	OTTHUMP00000034732 OTTHUMP00000063730 plexin 2 plexin-A2 semaphorin receptor OCT transmembrane protein OCT

Pathway

- [Axon guidance](#)

Disease

- [Anxiety Disorders](#)
- [Body Weight](#)
- [Depressive Disorder](#)
- [Diseases in Twins](#)
- [Genetic Predisposition to Disease](#)

- [Neurotic Disorders](#)
- [Osteoporosis](#)
- [Parkinson disease](#)
- [Personality Disorders](#)
- [Psychiatric Status Rating Scales](#)
- [Psychometrics](#)
- [Schizophrenia](#)
- [Spinal Fractures](#)
- [Stress](#)
- [Tobacco Use Disorder](#)