

DNAxPAb

Hard-to-Find
Antibody

PLXNA2 DNAxPab

Catalog # H00005362-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human PLXNA2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MHSQVFSAFPYSLPLRFWVNVIKNPQFVFDIHKGSITDACLSVVAQTFMDSCSTSEHRLDKDSPS NKLLYAKDIPSYKSWVERYADIKLPASDQDMNAYLAEQSRLHAVEFNMLSALNEIYSYVSKYSE ELIGALEQDEQARRQLAYKVEQLINAMSIES
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — PLXNA2

Entrez GeneID [5362](#)**GeneBank Accession#** [BC032125](#)**Protein Accession#** [AAH32125](#)**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](#)