DNAxPAb | Hard-to-Find Antibody

EFNB3 DNAxPab

Catalog # H00001949-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human EFNB3 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Extracellular membrane domain (ECD) human DNA
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 — EFNB3

Entrez GeneID	1949
GeneBank Accession#	NM_001406.3
Protein Accession#	NP_001397.1
Gene Name	EFNB3
Gene Alias	EFL6, EPLG8, LERK8
Gene Description	ephrin-B3
Omim ID	602297
Gene Ontology	Hyperlink
Gene Summary	EFNB3, a member of the ephrin gene family, is important in brain development as well as in its m aintenance. Moreover, since levels of EFNB3 expression were particularly high in several forebrai n subregions compared to other brain subregions, it may play a pivotal role in forebrain function. T he EPH and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine ki nases and have been implicated in mediating developmental events, particularly in the nervous sy stem. EPH Receptors typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin ligands and receptors have been named by the Eph Nomenclature Committee (1997). Based on their structures and sequence rela tionships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membra ne by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmem brane proteins. The Eph family of receptors are similarly divided into 2 groups based on the simil arity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B l igands. [provided by RefSeq
Other Designations	Ephrin B3|eph-related receptor tyrosine kinase ligand 8

Pathway

- Axon guidance

Disease

- Genetic Predisposition to Disease
- Lung Neoplasms
- Urinary Bladder Neoplasms
- Werner syndrome