

DNAxPAb

Hard-to-Find
Antibody

EDNRB DNAxPab

Catalog # H00001910-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a partial-length human EDNRB 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 — EDNRB

Entrez GeneID	1910
GeneBank Accession#	BC014472.1
Protein Accession#	AAH14472.1
Gene Name	EDNRB
Gene Alias	ABCD5, ETB, ETBR, ETRB, HSCR, HSCR2
Gene Description	endothelin receptor type B
Omim ID	131244 277580 600155 600501
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a G protein-coupled receptor which activates a phosphatidylinositol-calcium second messenger system. Its ligand, endothelin, consists of a family of three potent vasoactive peptides: ET1, ET2, and ET3. Studies suggest that the multigenic disorder, Hirschsprung disease type 2, is due to mutations in the endothelin receptor type B gene. Three transcript variants encoding two different isoforms have been found for this gene. While both isoforms bind ET1, they exhibit different responses upon binding, suggesting that they may be functionally distinct. [provided by RefSeq]
Other Designations	OTTHUMP00000178736 endothelin receptor non-selective type

Pathway

- [Calcium signaling pathway](#)
- [Melanogenesis](#)
- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alzheimer disease](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Brain Infarction](#)
- [Brain Ischemia](#)
- [Cardiomyopathy](#)

- [Cardiovascular Diseases](#)
- [Cystic Fibrosis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Digestive System Abnormalities](#)
- [Disease Progression](#)
- [Down Syndrome](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Hirschsprung Disease](#)
- [Hypertension](#)
- [Leukoaraiosis](#)
- [Liver Cirrhosis](#)
- [Lung Diseases](#)
- [Malignant melanoma](#)
- [Melanoma](#)
- [Metabolic Syndrome X](#)
- [Migraine Disorders](#)
- [Migraine with Aura](#)
- [Neoplasms](#)
- [Osteoporosis](#)
- [Scleroderma](#)
- [Skin Neoplasms](#)
- [Stroke](#)
- [Vision Disorders](#)