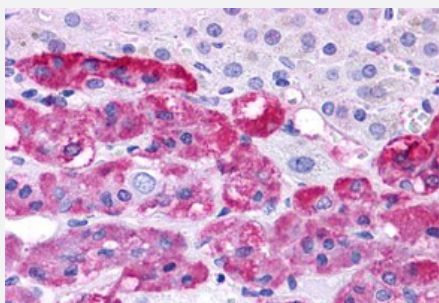


EDNRB polyclonal antibody

Catalog # PAB26220

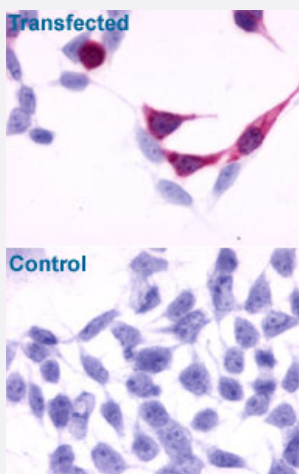
Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human adrenal medulla tissue with EDNRB polyclonal antibody (Cat # PAB26220). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



Immunocytochemistry

Immunocytochemical anyalysis of FZD9 in 293 cell lysate with FZD9 polyclonal antibody (Cat # PAB26220).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of EDNRB.
Immunogen	A synthetic peptide corresponding to 19 amino acid at N-terminus of human EDNRB.
Host	Rabbit
Reactivity	Dog, Human

Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins, except PTPN5 (68%).
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (4-11 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human adrenal medulla tissue with EDNRB polyclonal antibody (Cat # PAB26220). Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

- Immunocytochemistry

Immunocytochemical analysis of FZD9 in 293 cell lysate with FZD9 polyclonal antibody (Cat # PAB26220).

Gene Info — EDNRB

Entrez GeneID	1910
Protein Accession#	P24530
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](#)