

# EDNRB Antibody

Catalog No: #31191



Package Size: #31191-1 50ul #31191-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

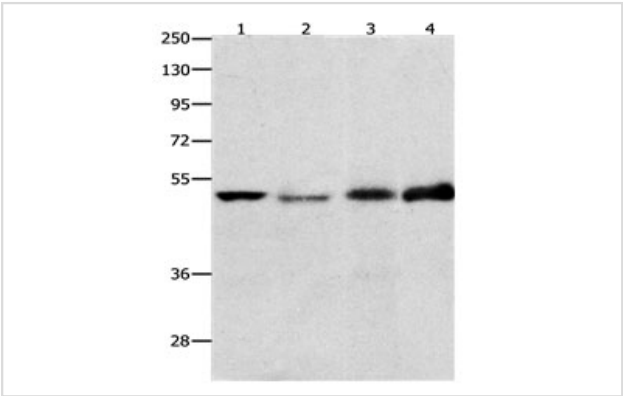
## Description

Product Name	EDNRB Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total EDNRB protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide peptide corresponding to a region derived from 70-84 amino acids of human endothelin receptor type B
Target Name	EDNRB
Other Names	endothelin receptor type B, ETB, ET-B, ETBR, ETRB, HSCR, WS4A, ABCDS, ET-BR, HSCR2
Accession No.	Swiss-Prot:P24530Gene ID:1910;
Uniprot	P24530
GeneID	1910;
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C/1 year

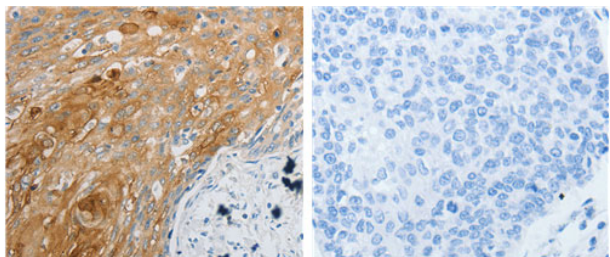
## Application Details

Predicted MW: 50kd
ELISA: 1:2000-1:5000
Western blotting: 1:500-1:2000
Immunohistochemistry: 1:25-1:100

## Images



Gel: 10% SDS-PAGE  
Lane1: Human fetal lung tissue lysate  
Lane2: Human fetal intestine tissue lysate  
Lane3: Human lung tissue lysate  
Lane4: Hela cell lysate  
Lysates: 40ug per lane  
Primary antibody: 1/500 dilution  
Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/5000 dilution  
Exposure time: 1 minute



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 31191 (EDNRB Antibody) at dilution 1/30, on the right is treated with the synthetic peptide.

## Background

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. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Note: This product is for in vitro research use only