Product Datasheet

EDNRB Antibody

Catalog No: #31191

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

Orders: order@signalwayantibody.com
Support: 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.	Genbank No.: NP_003982
Formulation	Supplied at 1mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

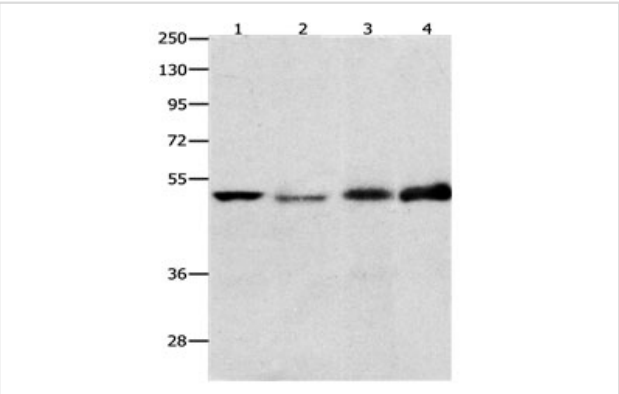
Predicted MW: 50kd

ELISA: 1:2000-1:5000

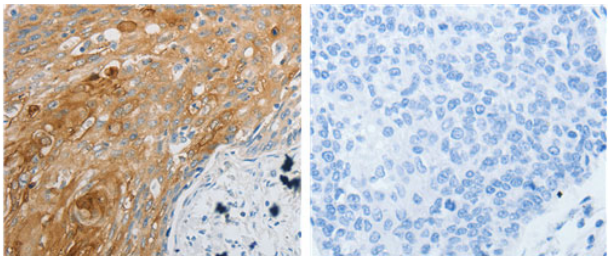
Western blotting: 1:500-1:2000

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.

Published Papers

el at., Prognostic values of EDNRB in triple-negative breast cancer. In Oncol Lett on 2020 Nov by Shaoqing Liu, Jingyang Zhang, et al..PMID: 32934717, , (2020)

PMID:32934717

Note: This product is for in vitro research use only and is not intended for use in humans or animals.