Anti-EDNRB antibody

Cat. No.	ml160291
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-EDNRB rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human EDNRB
Reactivity	Human
Content	0.4 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	EDNRB
Full name	endothelin receptor type B
Synonyms	ETB, ET-B, ETBR, ETRB, HSCR, WS4A, ABCDS, ET-BR, HSCR2
Swissprot	P24530

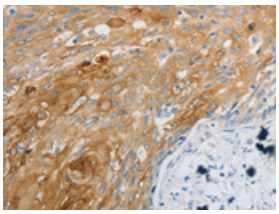
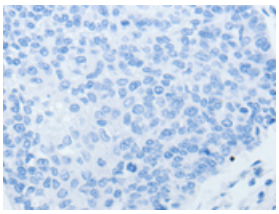
Target Background

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.

Applications

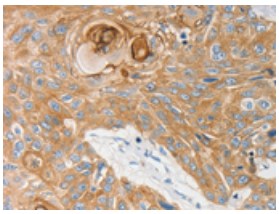
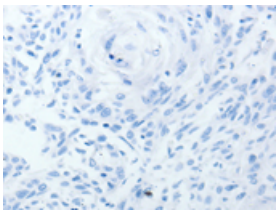
Immunohistochemistry

Predicted cell location: Cytoplasm
Positive control: Human cervical cancer
Recommended dilution: 25-100

The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml160291(EDNRB Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Cytoplasm
Positive control: Human esophagus cancer
Recommended dilution: 25-100

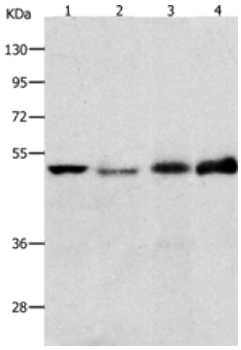



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml160291(EDNRB Antibody) at dilution 1/30, on the right is treated with synthetic peptide. (Original magnification: ×200)

Western blotting

Predicted band size:50 kDa
Positive control:Hela cells，human fetal lung and intestines tissue，human lung tissue
Recommended dilution: 500-2000

Gel: 10%SDS-PAGE
Lysate: 40 μg
Lane 1-4: Hela cells, human fetal lung tissue, human intestines tissue, human lung tissue
Primary antibody: ml160291(EDNRB Antibody) at dilution 1/500
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 1 hour



ELISA

Recommended dilution: 2000-5000

联系电话：4008-898-798，021-61725725

联系QQ：2881505695，2881505696

邮箱：mlbio_cn@yeah.net

网址：www.mlbio.cn