

## ETBR Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP03095
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from ETBR at AA range: 31-80
Mol wt	49644
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	ETBR Antibody
Synonyms	Endothelin B receptor (ET-B) (ET-BR) (Endothelin receptor non-selective type)

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

The protein encoded by EDNRB (endothelin receptor type B) 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 EDNRB.

### Recommended Dilution

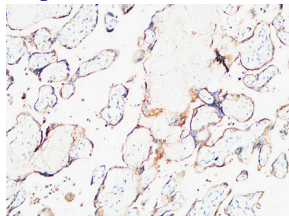
WB: 1: 500 - 2000

ELISA: 1: 10000 - 20000

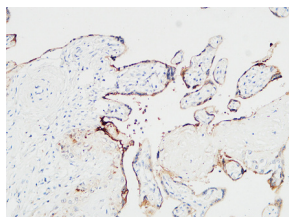
IHC-p: 100 - 300

Not yet tested in other applications.

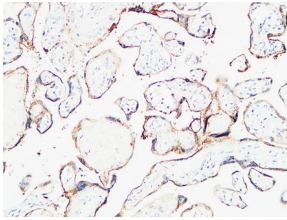
### Images



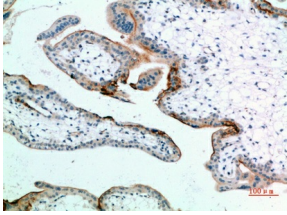
Immunohistochemical analysis of paraffin-embedded Human placenta. 1, Antibody was diluted at 1:200(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



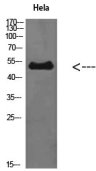
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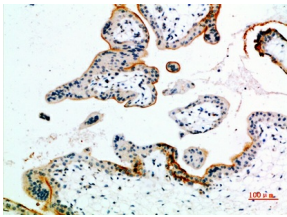
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Immunohistochemical analysis of paraffin-embedded human-placenta, antibody was diluted at 1:200



Western Blot analysis of HeLa cells using ETBR Polyclonal Antibody diluted at 1:500. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-placenta, antibody was diluted at 1:200

#### Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: [save@bt-laboratory.com](mailto:save@bt-laboratory.com) | [www.bt-laboratory.com](http://www.bt-laboratory.com)