

## Product datasheet for **TA349313**

### Endothelin 3 (EDN3) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse eye tissue lysate IHC: 50-200 Positive control: Human liver cancer Predicted cell location: Secreted
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human EDN3
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	endothelin 3
Database Link:	<a href="#">NP_000105</a> <a href="#">Entrez Gene 1908 Human P14138</a>



[View online »](#)

**Background:**

The protein encoded by this gene is a member of the endothelin family. Endothelins are endothelium-derived vasoactive peptides involved in a variety of biological functions. The active form of this protein is a 21 amino acid peptide processed from the precursor protein. The active peptide is a ligand for endothelin receptor type B (EDNRB). The interaction of this endothelin with EDNRB is essential for development of neural crest-derived cell lineages, such as melanocytes and enteric neurons. Mutations in this gene and EDNRB have been associated with Hirschsprung disease (HSCR) and Waardenburg syndrome (WS), which are congenital disorders involving neural crest-derived cells.

**Synonyms:**

ET-3; ET3; HSCR4; PPET3; WS4B

**Protein Families:**

Druggable Genome, Secreted Protein

**Product images:**

kDa

95 —  
72 —  
55 —  
36 —  
28 —  
17 —  
10 —



Gel: 12%SDS-PAGE

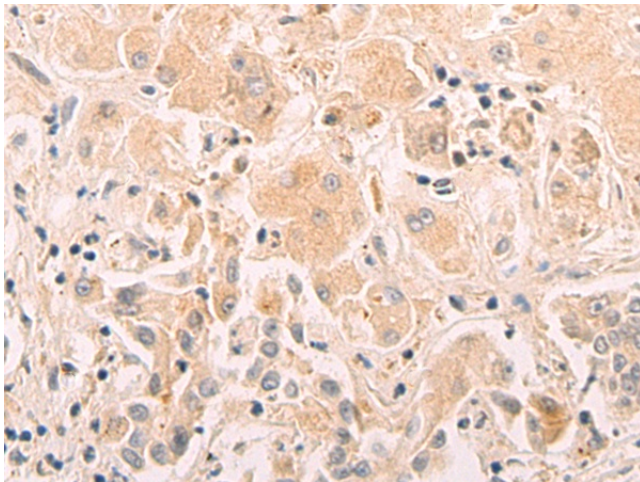
Lysate: 40 µg

Lane: Mouse eye tissue lysate

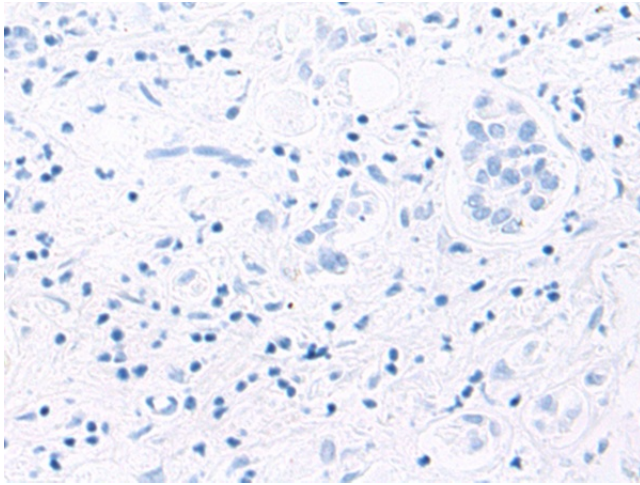
Primary antibody: TA349313 (EDN3 Antibody) at dilution 1/800

Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution

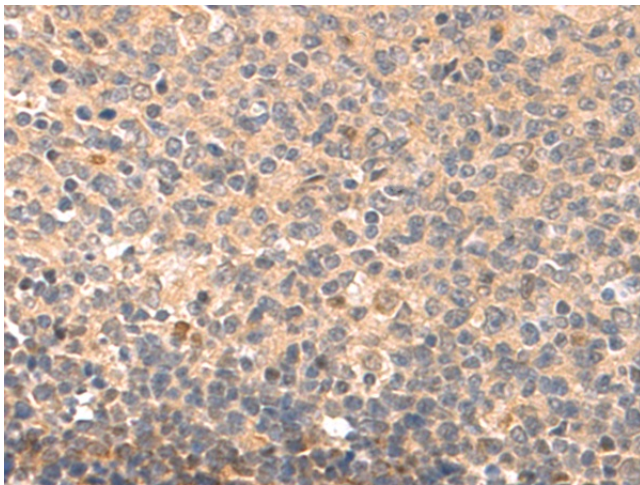
Exposure time: 30 seconds



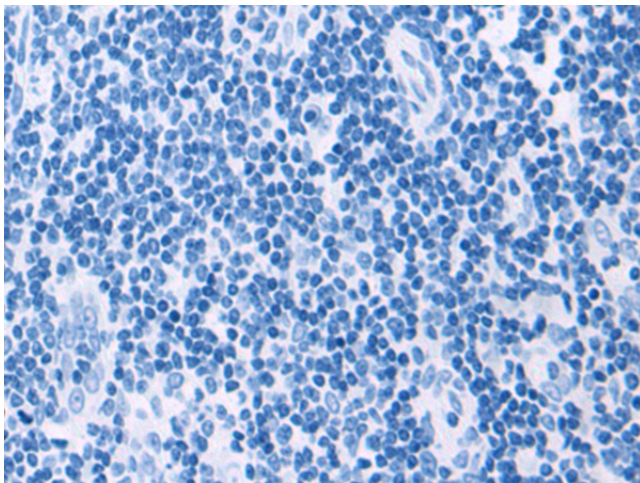
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA349313 (EDN3 Antibody) at dilution 1/60 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA349313 (EDN3 Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA349313 (EDN3 Antibody) at dilution 1/60 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA349313 (EDN3 Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: ×200)