



## Rabbit anti TGF beta Receptor III Polyclonal Antibody

Alternative Name(s): nan

### Order Information

- **Description:** TGF beta Receptor III
- **Catalogue:** 500-11234
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC(P), WB
- **Reactivity:** Hu

### **ANTIGEN PREPARATION**

A synthetic peptide KA KMN GTH FVL ESP LN corresponding to C-terminus of human TGFbR3 protein

### **BACKGROUND**

Transforming growth factor  $\beta$  isoforms (TGF- $\beta$ 1, 2, 3) play vital roles in regulating cellular growth and differentiation, and they signal through a highly restricted subset of receptors.

### **PURIFICATION**

The Rabbit IgG is purified by Epitope Affinity Purification

### **FORMULATION**

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

### **SPECIFICITY**

This antibody reacts with human Ephrin-B3. The other species are not tested.

### **STORAGE**

The antibodies are stable for 24 months from date of receipt when stored at  $-20^{\circ}\text{C}$  to  $-70^{\circ}\text{C}$ . The antibodies can be stored at  $2^{\circ}\text{C}$ - $8^{\circ}\text{C}$  for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

### **APPLICATIONS/SUGGESTED WORKING DILUTIONS\***

- Western Blot: 0.1-1  $\mu\text{g/ml}$
- ELISA: 0.01-0.1  $\mu\text{g/ml}$
- Immunoprecipitation: 2-5  $\mu\text{g/ml}$
- IHC: 2-10  $\mu\text{g/ml}$
- Flow cytometry: Not tested
- Molecular Weight: 300.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

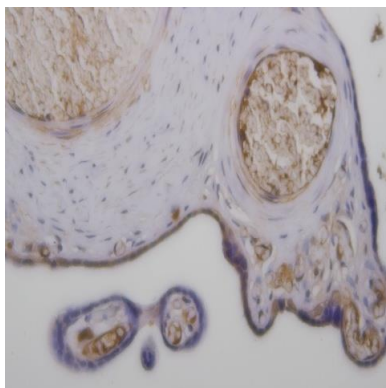
\*Optimal dilutions should be determined by researchers for the specific applications.

### **FOR RESEARCH USE ONLY.**

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## DATA ATTACHMENTS



Immunohistochemistry: Human Placenta Tissue (FFPE) stained with Rabbit anti-TGFbR3 (Cat# 500-11234) at 1:500 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

## REFERENCES

Cheifetz S. et al. J. Biol Chem 1988 263(32) 16984-91

Kalliopi Tzavlaki, Aristidis Moustakas Biomolecules. 2020 Mar; 10(3): 487.

Carl-Henrik Heldin, Aristidis Moustakas Cold Spring Harb Perspect Biol. 2016 Aug; 8(8)

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