

BMPR-IB Polyclonal Antibody

Catalog # AP74218

Product Information

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|--------------------------|------------------------|
| Application | IHC-P, IF, ICC, E |
| Primary Accession | O00238 |
| Reactivity | Human, Mouse |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 56930 |

Additional Information

| | |
|---------------------------|---|
| Gene ID | 658 |
| Other Names | Bone morphogenetic protein receptor type-1B (BMP type-1B receptor) (BMPR-1B) (EC 2.7.11.30) (CD antigen CDw293) |
| Dilution | IHC-P~~IHC-p 1:50-200, ELISA 1:10000-20000 IF~~1:50~200 ICC~~N/A E~~N/A |
| Format | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide. |
| Storage Conditions | -20°C |

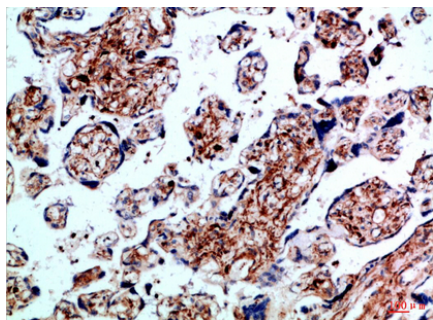
Protein Information

| | |
|--------------------------|---|
| Name | BMPR1B |
| Function | On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. Receptor for BMP7/OP-1 and GDF5. Positively regulates chondrocyte differentiation through GDF5 interaction. |
| Cellular Location | Cell membrane; Single-pass type I membrane protein |

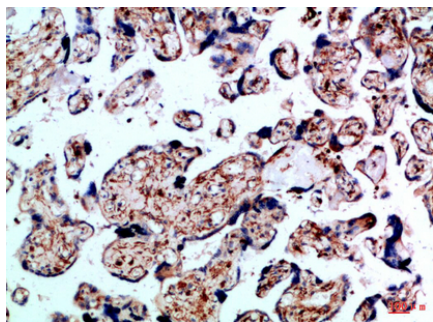
Background

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Images



Immunohistochemical analysis of paraffin-embedded Human-placenta, antibody was diluted at 1:100



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