

Mouse Bmpr2 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17916b**Specification**

Mouse Bmpr2 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O35607](#)**Mouse Bmpr2 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 12168**Other Names**

Bone morphogenetic protein receptor type-2, BMP type-2 receptor, BMPR-2, BRK-3, Bone morphogenetic protein receptor type II, BMP type II receptor, BMPR-II, Bmpr2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Mouse Bmpr2 Antibody (C-term) Blocking Peptide - Protein Information**Name** Bmpr2**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. Can also mediate signaling through the activation of the p38MAPK cascade (By similarity). Binds to BMP7, BMP2 and, less efficiently, BMP4. Binding is weak but enhanced by the presence of type I receptors for BMPs. Mediates induction of adipogenesis by GDF6 (PubMed:23527555).

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:Q13873}; Single-pass type I membrane protein

Mouse Bmpr2 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

Mouse Bmpr2 Antibody (C-term) Blocking Peptide - Images

Mouse Bmpr2 Antibody (C-term) Blocking Peptide - Background

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Mouse Bmpr2 Antibody (C-term) Blocking Peptide - References

Talati, M., et al. Am. J. Physiol. Lung Cell Mol. Physiol. 299 (3), L363-L373 (2010) :Libusova, L., et al. Development 137(14):2297-2305(2010)Podkowa, M., et al. Mol. Cell. Biol. 30(9):2241-2250(2010)Yang, C., et al. Ann. N. Y. Acad. Sci. 1192, 286-291 (2010) :Beppu, H., et al. Dev. Biol. 331(2):167-175(2009)