

Mouse Acvr1c Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14606b**Specification**

Mouse Acvr1c Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q8K348](#)**Mouse Acvr1c Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 269275**Other Names**

Activin receptor type-1C, Activin receptor type IC, ACTR-IC, Activin receptor-like kinase 7, ALK-7, Acvr1c {ECO:0000312|EMBL:AAH287801}

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 Acvr1c Antibody (C-term) Blocking Peptide - Protein Information**Name** Acvr1c {ECO:0000312|EMBL:AAH28780.1}**Function**

Serine/threonine protein kinase which forms a receptor complex on ligand binding. The receptor complex consisting of 2 type II and 2 type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators, SMAD2 and SMAD3. Receptor for activin AB, activin B and NODAL. Plays a role in cell differentiation, growth arrest and apoptosis.

Cellular Location

Membrane; Single-pass type I membrane protein

Tissue Location

Expressed in interdigital regions in developing limb buds.

Mouse Acvr1c Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

Mouse Acvr1c Antibody (C-term) Blocking Peptide - Images**Mouse Acvr1c Antibody (C-term) Blocking Peptide - Background**

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Mouse Acvr1c Antibody (C-term) Blocking Peptide - References

Andersson, O., et al. Proc. Natl. Acad. Sci. U.S.A. 105(20):7252-7256(2008) Bertolino, P., et al. Proc. Natl. Acad. Sci. U.S.A. 105(20):7246-7251(2008) Liguori, G.L., et al. Dev. Biol. 315(2):280-289(2008) Kurrasch, D.M., et al. J. Neurosci. 27(50):13624-13634(2007) Kogame, M., et al. J. Med. Invest. 53 (3-4), 238-245 (2006) :