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Mouse Acvr2a Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP14963a

Specification

Mouse Acvr2a Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P27038

Mouse Acvr2a Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 11480

Other Names
Activin receptor type-2A, Activin receptor type IIA, ACTR-IIA, Acvr2a, Acvr2

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 Acvr2a Antibody (N-term) Blocking Peptide - Protein Information

Name Acvr2a {ECO:0000312|MGI:MGI:102806}

Synonyms Acvr2

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 activin A, activin B and inhibin A. Mediates induction of adipogenesis by GDF6 (PubMed:23527555).

Cellular Location
Cell membrane; Single-pass type I membrane protein

Tissue Location
Brain, testis, intestine, liver and kidney.

Mouse Acvr2a Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

Mouse Acvr2a Antibody (N-term) Blocking Peptide - Images

Mouse Acvr2a Antibody (N-term) Blocking Peptide - Background

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Mouse Acvr2a Antibody (N-term) Blocking Peptide - References

Perron, J.C., et al. PLoS ONE 4 (12), E8198 (2009) :Morita, S., et al. PLoS ONE 4 (1), E4212 (2009) :Kamiya, N., et al. Development 135(22):3801-3811(2008)Xia, Y., et al. J. Biol. Chem. 282(25):18129-18140(2007)Lee, Y.J., et al. Genesis 44(10):487-494(2006)