

Rabbit anti-Human, mouse Acvr2b Polyclonal Antibody | anti-Acvr2b antibody

Mouse Acvr2b Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288616	Rabbit	Human, mouse	ELISA, Western Blot

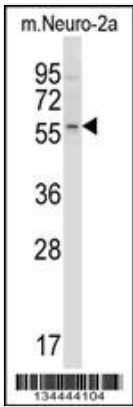
PRODUCT SYNONYMS

Acvr2b; Polyclonal Antibody; Mouse Acvr2b Antibody (Center); Activin receptor type-2B; Activin receptor type IIB; ACTR-IIB; anti-Acvr2b antibody

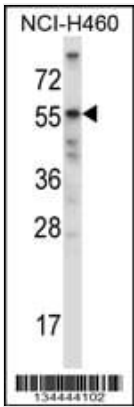
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Acvr2b antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 148-176 amino acids from the Central region of mouse Acvr2b.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.43 (varies by lot)
Sequence Positions	148-176
Sequence Length	536
Applicable Applications for anti-Acvr2b antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Mouse Acvr2b Antibody (Center) western blot analysis in mouse Neuro-2a cell line lysates (35ug/lane).This demonstrates the Acvr2b antibody detected the Acvr2b protein (arrow).



WB (Western Blot)
Mouse Acvr2b Antibody (Center) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the Acvr2b antibody detected the Acvr2b protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Acvr2b antibody	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.
Product Categories/Family for anti-Acvr2b antibody	Signal Transduction
References	Natale, D.R., et al. Dev. Biol. 335(1):120-131(2009) Gamer, L.W., et al. Dev. Dyn. 238(9):2374-2381(2009) Yamamoto, M., et al. J. Cell Biol. 184(2):323-334(2009) Morita, S., et al. PLoS ONE 4 (1), E4212 (2009) : Landry, J., et al. PLoS Genet. 4 (10), E1000241 (2008) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	6680634
NCBI GeneID	11481
NCBI Accession #	NP_031423.1
NCBI GenBank Nucleotide #	NM_007397.2
UniProt Accession #	P27040 ; Q3KQI1
Molecular Weight	60542
NCBI Official Full Name	activin receptor type-2B
NCBI Official Synonym Full Names	activin receptor IIB
NCBI Official Symbol	Acvr2b
NCBI Official Synonym Symbols	ActRIIB
NCBI Protein Information	activin receptor type-2B
UniProt Protein Name	Activin receptor type-2B
UniProt Gene Name	Acvr2b
UniProt Synonym Gene Names	ACTR-IIB
UniProt Entry Name	AVR2B_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/acvr2b-antibody-western-blot-elisa/288616>