

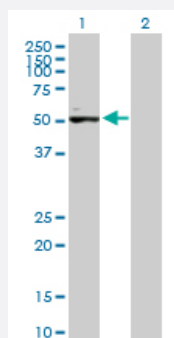
MaxPab®

ACVR1C purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00130399-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ACVR1C expression in transfected 293T cell line ([H00130399-T01](#)) by ACVR1C MaxPab polyclonal antibody.

Lane 1: ACVR1C transfected lysate(54.23 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ACVR1C protein.

Immunogen

ACVR1C (NP_660302.1, 1 a.a. ~ 493 a.a) full-length human protein.

Sequence

MTRALCSALRQALLLLAAAAELSPGLKCVCLLCDSSNFTCQTEGACWASVMLTNGKEQVIKSCV
SLPELNAQVFCHSSNNVTKECCFTDFCENNITLHLPTASPNAPKLGPMELAIITVPVCLLSIAAMLT
VWACQGRQCYSYRKKKRPNVEEPLSECNLVNAGKTLKDLIDVTASGSGSGLPLLQRTIARTIMLQ
EIVGKGRFGEVWHGRWCGEDVAVKIFSSRDERYWFREAIEYQTVMLRHENILGFIAADNKDNGTW
TQLWLVSSEYHEQGSLYDYLNRNVTMAGMIKLALSISGLAHLHMEVGTQGKPAIAHRDIKSKNILV
KKCETCAIADLGLAVKHDSILNTIDIPQNPVKGTTRYMAPEMLDDTMNVNIFESFKRADIYSVGLVY
WEIARRCSVGGVEEYQLPYDMVPSDPSIEEMRKVVCDQKFRPSIPNQWQSCEALRVMGRIMR
ECWYANGAARLTALRIKKTISQLCVKEDCKA

Host

Mouse

Reactivity

Human

Quality Control Testing

Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — ACVR1C

Entrez GeneID	130399
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GeneBank Accession#	NM_145259.1
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Protein Accession#	NP_660302.1
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Gene Name	ACVR1C
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Gene Alias	ACVRLK7, ALK7
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Gene Description	activin A receptor, type IC
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Omim ID	608981
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Gene Ontology	Hyperlink
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Gene Summary	ACVR1C is a type I receptor for the TGFB (see MIM 190180) family of signaling molecules. Upon ligand binding, type I receptors phosphorylate cytoplasmic SMAD transcription factors, which then translocate to the nucleus and interact directly with DNA or in complex with other transcription factors (Bondestam et al., 2001 [PubMed 12063393]).[supplied by OMIM]
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Other Designations	activin receptor-like kinase 7
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Pathway

- [Adherens junction](#)
- [Chronic myeloid leukemia](#)
- [Colorectal cancer](#)

- [Cytokine-cytokine receptor interaction](#)
- [Endocytosis](#)
- [MAPK signaling pathway](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [TGF-beta signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)