

For Research Use Only

# ACVR1B Polyclonal antibody

Catalog Number:10086-1-AP

Featured Product

8 Publications



## Basic Information

Catalog Number:

10086-1-AP

Size:

150ul , Concentration: 333 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0129

GenBank Accession Number:

BC000254

GeneID (NCBI):

91

UNIPROT ID:

P36896

Full Name:

activin A receptor, type IB

Calculated MW:

57 kDa

Observed MW:

50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human

Cited Species:

human, mouse, rat

Positive Controls:

WB : HEK-293 cells, DMSO treated HepG2 cells

## Background Information

ACVR1B (ALK4, activin A receptor type 1B) is a transforming growth factor-beta (TGF-beta) superfamily member (PMID: 37020544). A potential role for ACVR1B in regulating muscle mass is that it is part of the transforming growth factor b (TGFb) pathway regulating myostatin (PMID: 21063444).

## Notable Publications

Author	Pubmed ID	Journal	Application
Xin Hu	31652908	Animals (Basel)	WB
Li Ma	33045308	Mol Cell Endocrinol	WB,IF
Zhenjian Lin	33952797	J Toxicol Sci	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

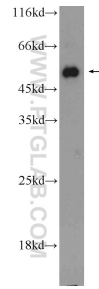
For technical support and original validation data for this product please contact:

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## Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 10086-1-AP (ACVR1B Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.