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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

ACVR1B (Human) Matched Antibody Pair

Catalog # : H00000091-AP41

規格 : [1 Set]

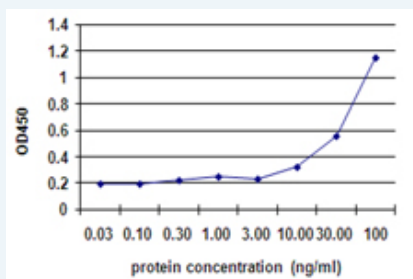
[List All](#)

Specification

Product Description: This antibody pair set comes with matched antibody pair to detect and quantify protein level of human ACVR1B.

Reactivity: Human

Quality Control Testing: Standard curve using recombinant protein (H00000091-Q01) as an analyte.



Sandwich ELISA detection sensitivity ranging from 10 ng/ml to 100 ng/ml.

Supplied Product: Antibody pair set content:
 1. Capture antibody: mouse monoclonal anti-ACVR1B, IgG1 Kappa (100 ug)
 2. Detection antibody: biotinylated mouse monoclonal anti-ACVR1B, IgG1 Kappa (50 ug)
 *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.

Storage Instruction: Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

ELISA Pair (Recombinant protein)

 [Protocol Download](#)

Gene Information

Entrez GeneID: [91](#)

Gene Name: ACVR1B

Gene Alias: ACTRIB,ACVRLK4,ALK4,SKR2

Gene Description: activin A receptor, type IB

Omim ID: [601300](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: Activins are dimeric growth and differentiation factors which belong to

the transforming growth factor-beta (TGF-beta) superfamily of structurally related signaling proteins. Activins signal through a heteromeric complex of receptor serine kinases which include at least two type I (I and IB) and two type II (II and IIB) receptors. These receptors are all transmembrane proteins, composed of a ligand-binding extracellular domain with a cysteine-rich region, a transmembrane domain, and a cytoplasmic domain with predicted serine/threonine specificity. Type I receptors are essential for signaling, and type II receptors are required for binding ligands and for expression of type I receptors. Type I and II receptors form a stable complex after ligand binding, resulting in phosphorylation of type I receptors by type II receptors. This gene encodes activin A type IB receptor, composed of 11 exons. Alternative splicing and alternative polyadenylation result in 3 fully described transcript variants. The mRNA expression of variants 1, 2, and 3 is confirmed, and a potential fourth variant contains an alternative exon 8 and lacks exons 9 through 11, but its mRNA expression has not been confirmed. [provided by RefSeq

Other activin A receptor, type II-like kinase 4,activin A type IB receptor,activin
Designations: receptor-like kinase 4,serine(threonine) protein kinase receptor R2

Gene 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](#)

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