

Product datasheet for TA361036

OriGene Technologies, Inc.

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Activin A Receptor Type IB (ACVR1B) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

Immunogen: The immunogen is a synthetic peptide directed towards the middle region of human ACVR1B

Specificity: Expected reactivity: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose

Note that this product is shipped as lyophilized powder to China customers.

Concentration: lot specific

Purification:Affinity purifiedConjugation:Unconjugated

Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 55 kDa

Gene Name: activin A receptor type 1B

Database Link: NP 004293.1

Entrez Gene 91 Human

P36896

Background: This gene encodes an activin A type IB receptor. 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 and two type II receptors. This protein is a type I receptor which is essential for signaling. Mutations in this gene are associated with pituitary tumors. Alternate splicing results in multiple transcript variants.

Synonyms: ACTR-IB; ACTRIB; ACVRLK4; ALK-4; ALK4; SKR2





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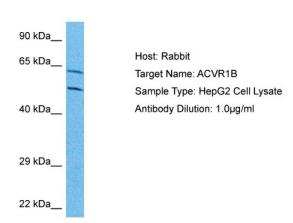
Protein Families: Druggable Genome, Protein Kinase, Transmembrane

Protein Pathways: Adherens junction, Chronic myeloid leukemia, Colorectal cancer, Cytokine-cytokine receptor

interaction, Endocytosis, MAPK signaling pathway, Pancreatic cancer, Pathways in cancer,

TGF-beta signaling pathway

Product images:



Host: Rabbit

Target Name: ACVR1B

Sample Tissue: Human HepG2 Whole Cell lysates

Antibody Dilution: 1ug/ml