

Anti-ACVR1B antibody

Cat. No.	ml120045
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-ACVR1B rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human ACVR1B
Reactivity	Human, Mouse, Rat
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	ACVR1B
Full name	activin A receptor, type IB
Synonyms	ALK4; SKR2; ACTRIB; ACVRLK4
Swissprot	P36896

Target 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.

订购热线: 4008-898-798

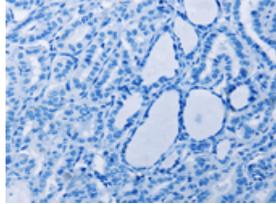
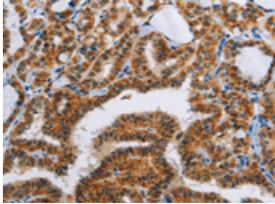
Applications

Immunohistochemistry

Predicted cell location: Nucleus

Positive control: Human thyroid cancer

Recommended dilution: 50-200

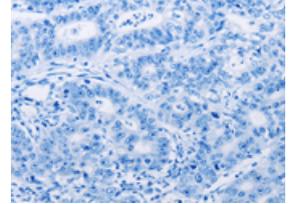
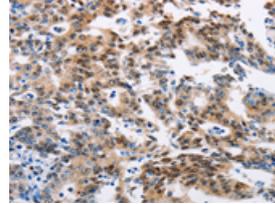


The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml120045(ACVR1B Antibody) at dilution 1/55, on the right is treated with fusion protein. (Original magnification: ×200)

Predicted cell location: Nucleus

Positive control: Human gastric cancer

Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using ml120045(ACVR1B Antibody) at dilution 1/55, on the right is treated with fusion protein. (Original magnification: ×200)

Western blotting

Predicted band size: 57 kDa

Positive control: A172 cells

Recommended dilution: 200-1000

Gel: 6%SDS-PAGE

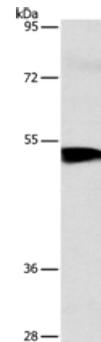
Lysate: 80 µg

Lane: A172 cells

Primary antibody: ml120045(ACVR1B Antibody) at dilution 1/237.5

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 40 seconds



ELISA

Recommended dilution: 2000-5000

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