

Anti-ACVR1B Antibody

CATALOG NO.: A1743-100 100 µl

BACKGROUND DESCRIPTION: 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.

ALTERNATE NAMES: Activin A receptor type 1B, Activin A type 1B receptor, Activin receptor type 1B, ACVRLK 4, ALK4, Serine (threonine) protein kinase receptor R2, SKR2.

ANTIBODY TYPE: Polyclonal

CONCENTRATION: 0.3 mg/ml

HOST/ISOTYPE: Rabbit / IgG.

IMMUNOGEN: Recombinant protein of human ACVR1B.

MOLECULAR WEIGHT: 57kDa.

PURIFICATION: Affinity purification.

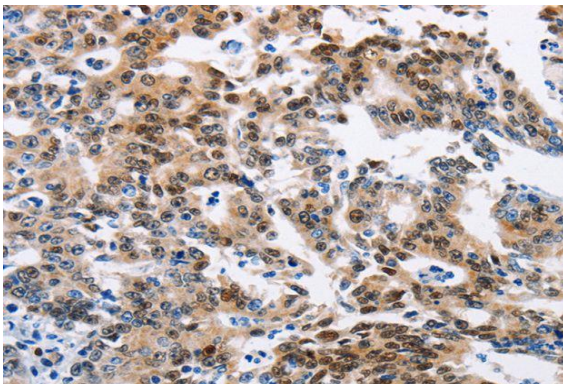
FORM: Liquid.

FORMULATION: PBS with 0.05% sodium azide, 50% glycerol, PH7.3

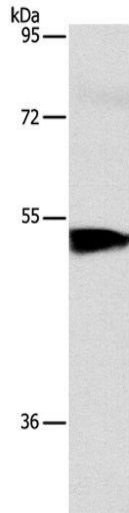
SPECIES REACTIVITY: Rat.
Mouse.
Human.

STORAGE CONDITIONS: Store at -20°C; Store at -20°C; For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

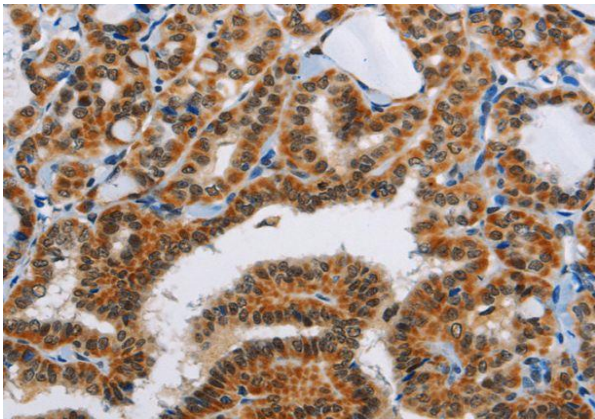
APPLICATIONS AND USAGE: WB 1:200-1:1000, IHC 1:50-1:200.



: IHC staining of paraffin-embedded Human gastric cancer using Anti-ACVR1B Antibody.



: Western Blot analysis of A172 cell using Anti-ACVR1B Antibody.



: IHC staining of paraffin-embedded Human thyroid cancer using Anti-ACVR1B Antibody.

RELATED PRODUCTS:

Human CellExp™ Activin A, Human Recombinant (6442).
Activin B, Human Recombinant (7112).
Activin A, human recombinant (4724).
Activin A, mouse recombinant (4725).

FOR RESEARCH USE ONLY! Not to be used on humans.