ACVR2A Antibody

PACO17609

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:5000, WB:1:500-1:2000, IHC:1:25-1:100

Protein Background:

This gene encodes activin A type II 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 (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 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. Type II receptors are considered to be constitutively active kinases.

Gene ID:

ACVR2A
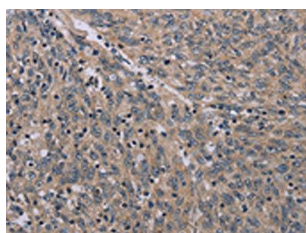
Uniprot

P27037

Synonyms:

Activin receptor type-2A

Immunogen:

Synthetic peptide of human ACVR2A.

Storage:

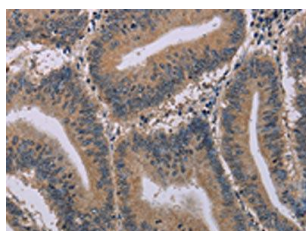-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product Images

The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using PACO17609(ACVR2A Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x—200).

Gel: 6%SDS-PAGE, Lysate: 40 μ g, , Primary antibody: PACO17609(ACVR2A Antibody) at dilution 1/400 dilution, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 2 minutes.

The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using PACO17609(ACVR2A Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x—200).