

## ACVR1 Antibody

Catalog No: #36233

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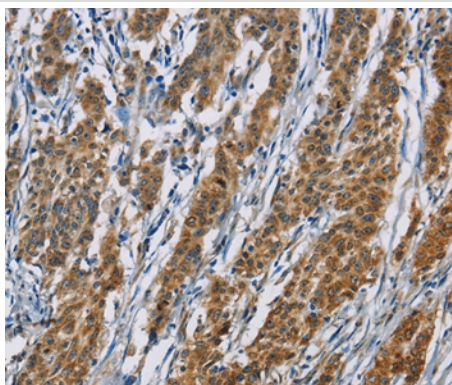
## Description

Product Name	ACVR1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total ACVR1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human activin A receptor, type I
Target Name	ACVR1
Other Names	FOP; ALK2; SKR1; TSRI; ACTRI; ACVR1A; ACVRLK2
Accession No.	Swiss-Prot#: Q04771NCBI Gene ID: 90Gene Accsion: BC033867
Uniprot	Q04771
GeneID	90;
Concentration	3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.
Storage	Store at -20°C

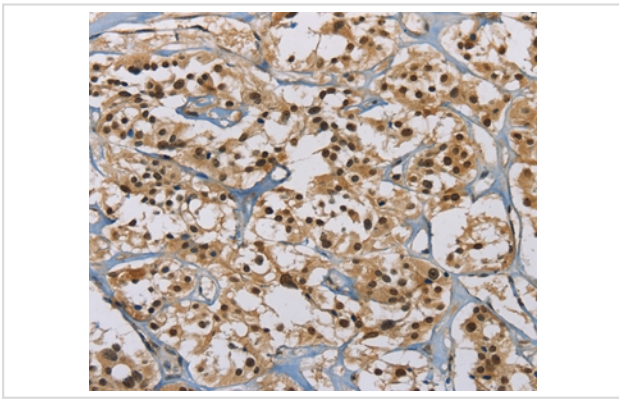
## Application Details

Immunohistochemistry: 1:50-1:200

## Images



Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using #36233 at dilution 1/60.



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #36233 at dilution 1/60.

## Background

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.?

Note: This product is for in vitro research use only