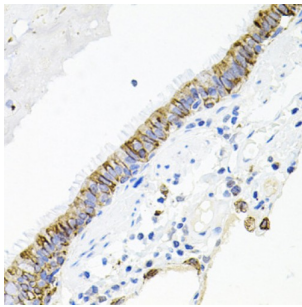
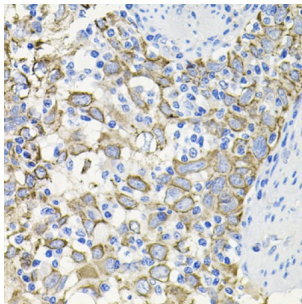


## Activin A Receptor Type 2A (ACVR2A) Antibody

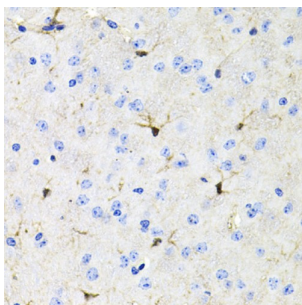
Catalogue No.: abx001614



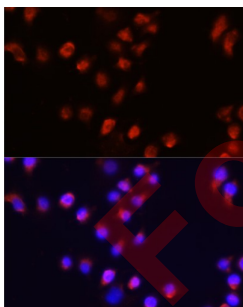
Immunohistochemistry of paraffin-embedded Human lung using ACVR2A Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Human esophageal cancer using ACVR2A Antibody (1/100 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Mouse brain using ACVR2A Antibody (1/100 dilution, 40x lens).



Immunofluorescence analysis of A431 cells using ACVR2A Antibody (1/100 dilution, 40x lens). Blue: DAPI for nuclear staining.

ACVR2A Antibody is a Rabbit Polyclonal antibody against ACVR2A. This gene encodes a receptor that mediates the functions of activins, which are members of the transforming growth factor-beta (TGF-beta) superfamily involved in diverse biological processes. The encoded protein is a transmembrane serine-threonine kinase receptor which mediates signaling by forming heterodimeric complexes with various combinations of type I and type II receptors and ligands in a cell-specific manner. The encoded type II receptor is primarily involved in ligand-binding and includes an extracellular ligand-binding domain, a transmembrane domain and a cytoplasmic serine-threonine kinase domain. This gene may be associated with susceptibility to preeclampsia, a pregnancy-related disease which can result in maternal and fetal morbidity and mortality. Alternative splicing results in multiple transcript variants of this gene.

# Datasheet

Version: 5.0.0  
Revision date: 03 Oct 2025



<b>Target:</b>	Activin A Receptor Type 2A (ACVR2A)
<b>Clonality:</b>	Polyclonal
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Tested Applications:</b>	IHC, IF/ICC
<b>Host:</b>	Rabbit
<b>Recommended dilutions:</b>	IHC-P: 1/100 - 1/200, IF/ICC: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Immunogen:</b>	Recombinant fusion protein corresponding to human ACVR2A
<b>Isotype:</b>	IgG
<b>Form:</b>	Liquid
<b>Purification:</b>	Purified by affinity chromatography.
<b>Storage:</b>	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P27037 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>Gene Symbol:</b>	ACVR2A
<b>GeneID:</b>	<a href="#">92</a>
<b>NCBI Accession:</b>	NP_001607.1
<b>KEGG:</b>	hsa:92
<b>String:</b>	<a href="#">9606.ENSP00000241416</a>
<b>Buffer:</b>	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
<b>Concentration:</b>	1 mg/ml
<b>Note:</b>	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.