

# ACTR-IIA Polyclonal Antibody

Cat No: HR1AP9097

For research use only

## Overview

Product Name	ACTR-IIA Polyclonal Antibody
Source	Rabbit
Applications	WB,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	48kDa
GeneID?Human?	ACVR2A
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	ACVR2A; ACVR2; Activin receptor type-2A; Activin receptor type IIA; ACTR-IIA; ACTRIIA
Background	<p>activin A receptor type 2A(ACVR2A) Homo sapiens 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. [provided by RefSeq, Jun 2013],</p>