

ACTR-IIA Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00225
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human ACTR-IIA. AA range:10-59
Mol wt	57848
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	ACTR-IIA Antibody
Synonyms	ACVR2A; ACVR2; Activin receptor type-2A; Activin receptor type IIA; ACTR-IIA; ACTRIIA

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

ACVR2A (activin A receptor type 2A) 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. ACVR2A 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 ACVR2A.

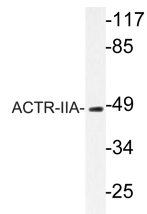
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

Not yet tested in other applications.

Images



Western blot analysis of lysates from rat kidney, using ACTR-IIA antibody.

Storage

-20°C for one year