BT LAB
Bioassay Technology Laboratory

Optimize Your Research

ACTR-IC Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00224
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human ACTR-1C. AA range:201-250
Mol wt	54871
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	ACTR-IC Antibody
Synonyms	ACVR1C; ALK7; Activin receptor type-1C; Activin receptor type IC; ACTR-IC; Activin receptor-like kinase 7; ALK-7

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

Background

ACVR1C is a type I receptor for the TGFB (see MIM 190180) family of signaling molecules. Upon ligand binding, type I receptors phosphorylate cytoplasmic SMAD transcription factors, which then translocate to the nucleus and interact directly with DNA or in complex with other transcription factors (Bondestam et al. 2001 [PubMed 12063393]).

Recommended Dilution

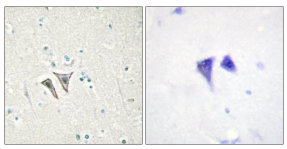
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

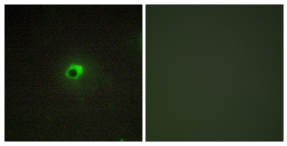
ELISA: 1: 20000

Not yet tested in other applications.

Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using ACTR-1C Antibody. The picture on the right is blocked with the synthesized peptide.



Immunofluorescence analysis of COS7 cells, using ACTR-1C Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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