

Nur für Forschungszwecke

ACVR1 Monoklonaler Antikörper

Katalog-Nr.:CL488-67417



Allgemeine Informationen

Katalog-Nr.: CL488-67417	GenBank-Zugangsnummer: BC033867	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul , Konzentration: 1000 µg/ml von90 Nanodrop;	GeneID (NCBI): 509	CloneNo.: 1F11B10
Wirt: Maus	Vollständiger Name: activin A receptor, type I	Empfohlene Verdünnungen: IF 1:50-1:500
Isotyp: IgG2a	Berechnete Masse: 509 aa, 57 kDa	Anregungs-/Emissionsmaxima- Wellenlängen: 493 nm / 522 nm
Immunogen Katalognummer: AG13508		

Anwendungen

Geprüfte Anwendungen: IF	Positivkontrollen: IF : Maushirngewebe,
Getestete Reaktivität: Human, Maus	

Hintergrundinformationen

ACVR1 (activin receptor type I), also known as ALK2 or ACTRI, is a receptor for activin. It forms a stable complex with type II receptor after ligand binding. 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. ACVR1 is expressed in many tissues including skeletal muscle and chondrocytes. It functions as a receptor for bone morphogenetic protein (BMP) and induces Indian hedgehog in chondrocytes during skeletal development. Mutations in ACVR1 gene are associated with fibrodysplasia ossificans progressive (PMID: 16642017).

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

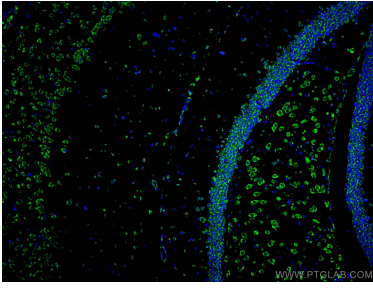
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

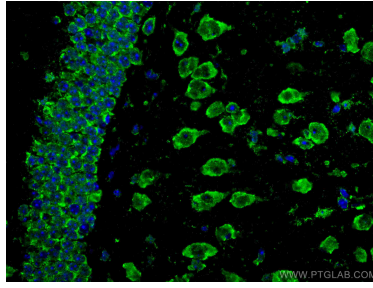
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite® Plus 488 ACVR1 antibody (CL488-67417, Clone: 1F11B10) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite® Plus 488 ACVR1 antibody (CL488-67417, Clone: 1F11B10) at dilution of 1:200.