

Datasheet for ABIN1099825

**anti-ACVR1C/ALK7 antibody (N-Term)****3** Images[Go to Product page](#)

## Overview

Quantity:	0.05 mg
Target:	ACVR1C/ALK7 (ACVR1C)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACVR1C/ALK7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Brand:	IHC-plus™
Isotype:	IgG
Specificity:	This antibody is predicted to have no cross-reactivity to ACVR1 or ACVR1B.
Purification:	Immunoaffinity purified

## Target Details

Target:	ACVR1C/ALK7 (ACVR1C)
Alternative Name:	ACVR1C / ALK7 ( <a href="#">ACVR1C Products</a> )
Background:	Name/Gene ID: ACVR1C

## Target Details

Subfamily: Activin/TGFb

Family: Protein Kinase

Synonyms: ACVR1C, Activin receptor-like kinase 7, ACTR-IC, Activin receptor type IC, ACVRLK7, Activin receptor type-1C, ALK7, Activin A receptor, type IC, ALK-7

Gene ID: 130399

UniProt: [Q04771](#)

Pathways: [Negative Regulation of Hormone Secretion](#), [Positive Regulation of Endopeptidase Activity](#)

## Application Details

Application Notes: Approved: IHC, IHC-P (5 µg/mL), WB (1 µg/mL)

Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, 0.02 % sodium azide

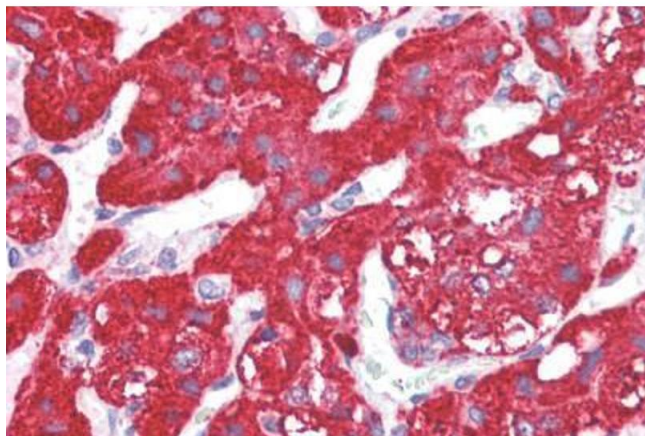
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: avoid freeze thaw cycles. Store undiluted.

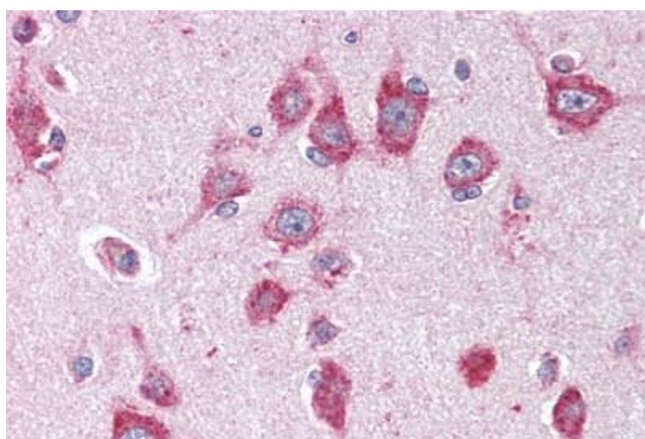
Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for 3 months and -20°C, stable for up to 1 year. Avoid repeated freeze-thaw cycles.



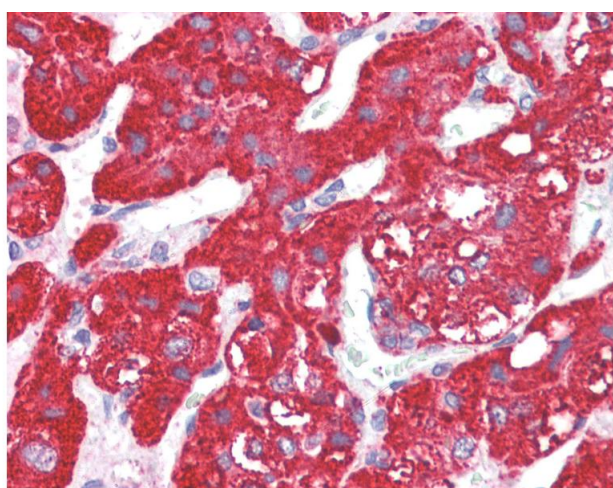
#### Immunohistochemistry

**Image 1.** Anti-ACVR1 antibody IHC staining of human adrenal. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN1099825 concentration 5 ug/ml.



#### Immunohistochemistry

**Image 2.** Anti-ACVR1 antibody IHC staining of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN1099825 concentration 5 ug/ml.



#### Immunohistochemistry

**Image 3.** Anti-ACVR1 antibody IHC of human adrenal. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.