

Datasheet for ABIN372397

anti-ACVR1 antibody (AA 475-509)



[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	ACVR1 (ACRV1)
Binding Specificity:	AA 475-509
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACVR1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthetic peptide within amino acids 475-509 of human ACVR1.
Isotype:	IgG
Specificity:	This antibody recognizes Activin Receptor Type IA (ACVR1).
Cross-Reactivity (Details):	Species reactivity (expected): Mouse and Rat. Species reactivity (tested): Human.
Purification:	Protein G Chromatography.

Target Details

Target:	ACVR1 (ACRV1)
Abstract:	ACRV1 Products

Target Details

Background:	Activin Receptor Type IA on ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. Activin receptor IA is highly conserved and is a receptor for BMP2 and BMP4.Synonyms: ACRV1A, ACVRLK2, ALK2, Activin receptor type IA, Activin receptor-like kinase 2, SKR1, Serine/threonine-protein kinase receptor R1, TGF-B superfamily receptor type I
Molecular Weight:	57 kDa.
Gene ID:	90
NCBI Accession:	NP_001096
UniProt:	Q04771

Application Details

Application Notes:	Immunohistochemistry on Paraffin Sections: 10 µg/mL. Western blot: 3-5 µg/mL. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
--------------------	--

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Concentration:	0.5 mg/mL
Buffer:	PBS containing 0.2 % Gelatin as stabilizer and 0.05 % Sodium Azide as preservative.
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 repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month (in aliquots) at-20 °C for longer.

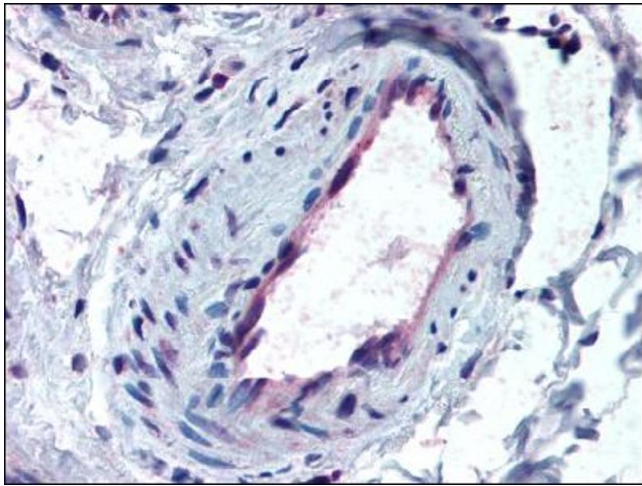


Image 1.