Goat ALK2 / ACVR1 Polyclonal Antibody | anti-ALK2 antibody

Goat Polyclonal to Human ALK2 / ACVR1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50961	**Goat**	**Bat, Gibbon, Bovine, Dog, Gorilla, Horse, Human, Monkey, Mouse, Pig, Rabbit, RatPredicted Reactivity: Hamster (at least 90% immunogen sequence identity)**	**ELISA, Western Blot, Immunohistochemistry**

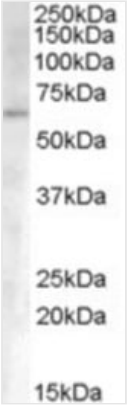
PRODUCT SYNONYMS

ALK2 / ACVR1; Polyclonal Antibody; Goat Polyclonal to Human ALK2 / ACVR1; Anti-ALK2 / ACVR1 Antibody (Internal) IHC-plus; ACVR1; Activin A receptor type I; Activin A receptor; type I; ACTR-I; ActRIA; ACVR1A; ALK2; Activin receptor-like kinase 2; Activin receptor type-1; ACTRI; ACVRLK2; ALK-2; Activin receptor type I; Actr1; FOP; Hydroxyalkyl-protein kinase; SKR1; TSRI; Human ALK2; anti-ALK2 antibody

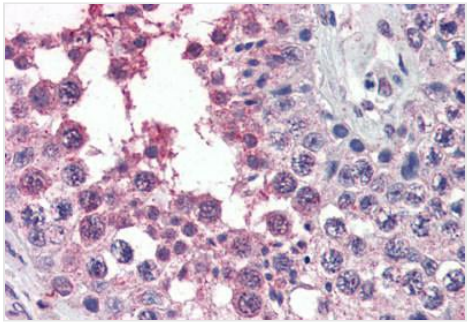
PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Bat, Gibbon, Bovine, Dog, Gorilla, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat **Predicted Reactivity:** Hamster (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human ACVR1 / ALK2.
Purity/Purification	Immunoaffinity Purified
Form/Format	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	509
Applicable Applications for anti-ALK2 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide C-RKFKRRNQERLNPRD from an internal region of human ACVR1 / ALK2 (NP_001096.1). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Elephant, Panda, Dog, Bat, Bovine, Horse, Rabbit, Pig (100%).
Immunogen Type	Synthetic peptide
Immunogen	ALK2 / ACVR1 antibody was raised against synthetic peptide C-RKFKRRNQERLNPRD from an internal region of human ACVR1 / ALK2 (NP_001096.1). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Elephant, Panda, Dog, Bat, Bovine, Horse, Rabbit, Pig (100%); Hamster (93%); Opossum (87%).
Antigen Modification	Internal
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)
Antibody (0.3 ug/ml) staining of Human Umbilical Cord lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



IHC (Immunohistochemistry)
Anti-ACVR1 antibody IHC of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 4 ug/ml.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ALK2 antibody	Family: Protein Kinase; Subfamily: Activin/TGFb

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501895
NCBI GeneID	90
NCBI Accession #	NP_001096.1
NCBI GenBank Nucleotide #	NM_001105.4
UniProt Accession #	Q04771
Molecular Weight	57,153 Da
NCBI Official Full Name	activin receptor type-1
NCBI Official Synonym Full Names	activin A receptor, type I
NCBI Official Symbol	ACVR1
NCBI Official Synonym Symbols	FOP; ALK2; SKR1; TSRI; ACTRI; ACVR1A; ACVRLK2
NCBI Protein Information	activin receptor type-1; activin receptor type I; hydroxyalkyl-protein kinase; activin receptor-like kinase 2; TGF-B superfamily receptor type I; activin A receptor, type II-like kinase 2; serine/threonine-protein kinase receptor R1
UniProt Protein Name	Activin receptor type-1
UniProt Gene Name	**ACVR1**
UniProt Synonym Gene Names	ACVRLK2; ACTR-I; ALK-2; SKR1; TSR-I
UniProt Entry Name	ACVR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/alk2-acvr1-antibody-western-blot-immunohistochemistry-elisa/50961