

Rabbit anti-Human, Mouse ALK3 / BMPR1A Polyclonal Antibody | anti-ALK3 antibody

Rabbit Polyclonal to Human ALK3 / BMPR1A

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52512	Rabbit	Human, Mouse	Western Blot, Immunohistochemistry

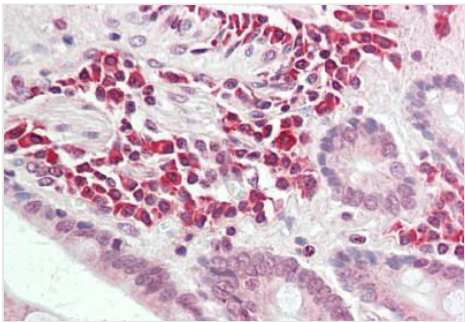
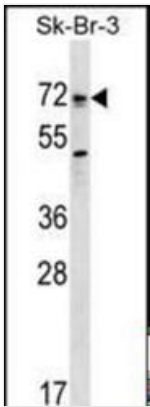
PRODUCT SYNONYMS

ALK3 / BMPR1A; Polyclonal Antibody; Rabbit Polyclonal to Human ALK3 / BMPR1A; Anti-ALK3 / BMPR1A Antibody (aa169-197) IHC-plus; BMPR1A; 10q23del; ALK3; ALK-3; BMP type-1A receptor; BMPR-1A; CD292; CD292 antigen; Activin receptor-like kinase 3; ACVRLK3; SKR5; Human ALK3; anti-ALK3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	Human ALK3 / BMPR1A
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.09% sodium azide
Sequence Length	532
Applicable Applications for anti-ALK3 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	KLH-conjugated synthetic peptide from internal region of human Mouse Bmpr1a.
Immunogen Type	Synthetic peptide
Immunogen	ALK3 / BMPR1A antibody was raised against KLH-conjugated synthetic peptide from internal region of human Mouse Bmpr1a.
Antigen Modification	aa169-197
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)
Anti-ALK3 / BMPR1A antibody IHC staining of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:100.

WB (Western Blot)
Mouse Bmpr1a Antibody (Center) Western blot of SK-BR-3 cell line lysates (35 ug/lane). This demonstrates the Bmpr1a antibody detected the Bmpr1a protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ALK3 antibody	On ligand binding of BMP-2 and BMP-4, BMPR1A (a type I receptor) 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. Targeted disruption of the BMPR1A receptor protein in the mesenchymal cells of the Mullerian ducts of mice leads to retention of oviducts and uteri in males.
Product Categories/Family for anti-ALK3 antibody	Family: Protein Kinase; Subfamily: Activin/TGFb

NCBI AND UNIPROT INFORMATION

NCBI GI #	41349437
NCBI GeneID	657
NCBI Accession #	NP_004320.2
NCBI GenBank Nucleotide #	NM_004329.2
UniProt Accession #	P36894; Q8NEN8; A8K6U9
Molecular Weight	60,198 Da
NCBI Official Full Name	bone morphogenetic protein receptor type-1A
NCBI Official Synonym Full Names	bone morphogenetic protein receptor, type 1A
NCBI Official Symbol	BMPR1A
NCBI Official Synonym Symbols	ALK3; SKR5; CD292; ACVRLK3; 10q23del
NCBI Protein Information	bone morphogenetic protein receptor type-1A; ALK-3; BMPR-1A; BMP type-1A receptor; activin receptor-like kinase 3; activin A receptor, type II-like kinase 3; serine/threonine-protein kinase receptor R5
UniProt Protein Name	Bone morphogenetic protein receptor type-1A
UniProt Gene Name	BMPR1A
UniProt Synonym Gene Names	ACVRLK3; ALK3; BMP type-1A receptor; BMPR-1A; ALK-3; SKR5
UniProt Entry Name	BMR1A_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/alk3-bmpr1a-antibody-western-blot-immunohistochemistry-elisa/52512>