

Product datasheet for **AP22507PU-N**

Activin Receptor Type IA (ACVR1) (147-161) Goat Polyclonal Antibody

Product data:

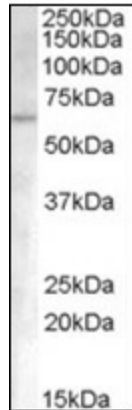
Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA: 1/128000. Immunohistochemistry on Paraffin Sections: 4 µg/ml. Western Blot: 0.3 - 1 µg/ml.
Reactivity:	Canine, Human, Mouse, Rat, Bovine, Bat, Equine, Monkey, Porcine, Rabbit
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Synthetic peptide from an internal region of human ACVR1
Specificity:	This antibody detects Activin receptor type 1 (ACRV1) at aa 147-161.
Formulation:	Tris saline buffer, pH 7.3, 0.5% BSA, 0.02% sodium azide State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	activin A receptor type 1
Database Link:	Entrez Gene 11477 Mouse Entrez Gene 79558 Rat Entrez Gene 90 Human Q04771
Background:	Activins are dimeric growth and differentiation factors which belong to the transforming growth factor-beta (TGF-beta) superfamily of structurally related signaling proteins. Activins signal through a heteromeric complex of receptor serine kinases which include at least two type I (I and IB) and two type II (II and IIB) receptors.
Synonyms:	Activin receptor type IA, ACVRLK2, ALK2, SKR1, ACRV1A
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Protein Kinase, Transmembrane



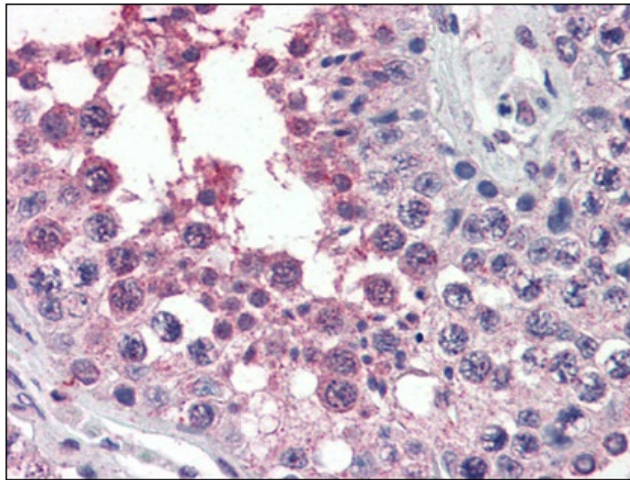
[View online »](#)

Protein Pathways: Cytokine-cytokine receptor interaction, TGF-beta signaling pathway

Product images:



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.



Human Testis (formalin-fixed, paraffin-embedded) stained with ACVR1 antibody at 4 ug/ml followed by biotinylated anti-goat IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.