

32-5724: Polyclonal Rabbit Anti Human Activin-A

Clonality :	Polyclonal
Application :	ELISA ,WB
Gene :	TGFBR1
Gene ID :	7046
Uniprot ID :	P36897
Format :	Purified
Alternative Name :	Inhba,Inhibin beta A,FSH releasing protein.
Isotype :	Rabbit IgG
Immunogen Information :	Recombinant human Activin-A produced in plants.

Description

Activins are homodimers or heterodimers of the different α subunit isoforms, part of the TGF β family. Mature Activin A has two 116 amino acids residues α A subunits (α A- α A). Activin displays an extensive variety of biological activities, including mesoderm induction, neural cell differentiation, bone remodelling, haematopoiesis, and reproductive physiology. Activins takes part in the production and regulation of hormones such as FSH, LH, GnRH and ACTH. Cells that are identified to express Activin A include fibroblasts, endothelial cells, hepatocytes, vascular smooth muscle cells, macrophages, keratinocytes, osteoclasts, bone marrow monocytes, prostatic epithelium, neurons, chondrocytes, osteoblasts, Leydig cells, Sertoli cells, and ovarian granulosa cells.

Product Info

Amount :	20 μ g
Purification :	Purified IgG prepared by affinity chromatography on protein G.
Content :	Lyophilized from a sterile filtered (0.2 μ m) solution containing phosphate buffered saline.
Storage condition :	Store at -20 $^{\circ}$ C. For long term storage freezes in working aliquots at -20 $^{\circ}$ C. Repeated freezing and thawing is not recommended.

Application Note

Activin-A antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. In order to detect Human Activin A by indirect ELISA a dilution of at least 1:1,000 of the Activin A antibody is required. Activin A antibody, in conjunction with compatible secondary reagents (anti rabbit AP conjugated), allows the detection of 0.2-1 ng /well of Human Activin A. In order to detect human Activin A by WB analysis this IgG can be used in a dilution of 1:1,000.