



POLYCLONAL ANTIBODY

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Catalog No. KZ-HS-P08

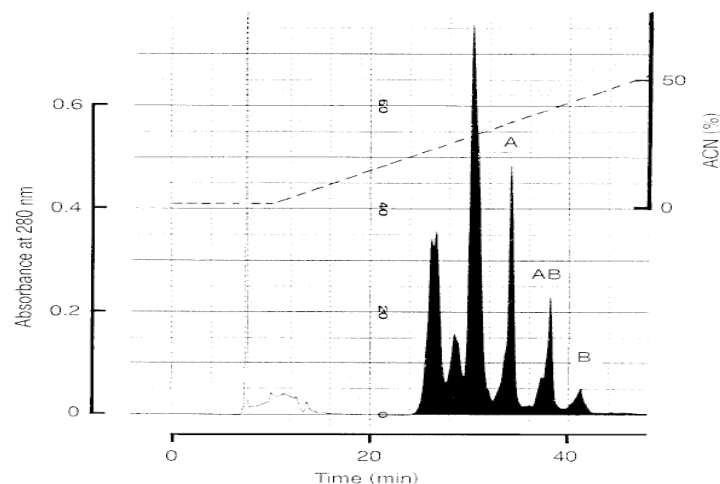
Anti Bovine Follistatin

BACKGROUND

Follistatin also known as activin-binding protein is a protein that in humans is encoded by the *FST* gene. Follistatin is an autocrine glycoprotein that is expressed in nearly all tissues of higher animals. It was initially isolated from follicular fluid and was identified as a protein fraction that inhibited follicle-stimulating hormone (FSH) secretion from the anterior pituitary, and so was known as FSH-suppressing protein (FSP). Since then its primary function has been determined to be the binding and bionutralization agent of members of the TGF- β superfamily, with primary focus on activin.

Product type	Primary antibodies
Host	Rabbit
Form	Serum
Volume	50 μ l
Antigen	Bovine Follistatin
Cross reactivity	Bovine, Rat, Mouse
Application notes	Recommended dilutions

RIA : 1/2,000 - 1/10,000
IHC : 1/200 - 1/1,000
WB : 1/200 - 1/1,000



Elution profile on reverse-phase HPLC of the partially purified activin-follistatin complex of fraction 2 in figure 6 applied to a Cosmosil 5C₁₈-AR column (10 × 250 mm). The column was developed with the indicated gradient of acetonitrile (ACN) in 0.1% trifluoroacetic acid.

Storage

Store below -20°C (below -70°C for prolonged storage).

Aliquot to avoid cycles of freeze/thaw.

References

1) Hasegawa Y, Eto Y, Ibuki Y & Sugino H (1994) Activin as autocrine and paracrine factor in the ovary. *Horm Res* 41(Suppl 1): 55-62

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