

Anti-Follistatin Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Chicken,Dog,Pig,Cow,Horse,Sheep)
Molecular Weight:	Theoretical: 38 kDa. Actual: 47 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample:
	Lane 1: Mouse Pituitary tissue lysates
	Lane 2: Mouse Placenta tissue lysates
	Lane 3: Rat Pituitary tissue lysates
	Lane 4: Rat Placenta tissue lysates
Primary:	Lane 5: Rat Breast tissue lysates
	Primary: Anti-Follistatin (TMAB-06105) at 1/1000 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 38 kD
Observed band size: 47 kD	
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human Follistatin
Antigen Species:	Human
Gene ID:	10468
Uniprot ID:	P19883

Research Background

Follistatin is a single-chain gonadal protein that specifically inhibits follicle-stimulating hormone release. The single FST gene encodes two isoforms, FST317 and FST344 containing 317 and 344 amino acids respectively, resulting from alternative splicing of the precursor mRNA. There is evidence linking polycystic ovary syndrome and follistatin. Follistatin binds directly to activin and functions as an activin antagonist. It specific inhibitor of the biosynthesis and secretion of pituitary follicle stimulating hormone.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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