



Check out all our products at:
GoldenWest.bio



- ◆ *Antibodies and Antigens*
- ◆ *Human Donor Products*
- ◆ *Patient Samples and Matched Sets*
- ◆ *Disease State Plasma and Human Fluids*



**ANTIGENS, HORMONES,
& ANTIBODIES**

Golden West BioSolutions, LLC. (GWS)- est. 2016 As a subsidiary of Golden West Biologicals, Inc (GWB), GWS is rooted in over 30 years of industry experience. GWS specializes in offering the highest quality products for your manufacturing and research use. GWS is able to source difficult products, collections and disease states.

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ANTIGENS HORMONES AND ANTIBODIES

Golden West BioSolutions, LLC (GWS) provides antigens, hormones, and antibodies. We are proud to offer a legacy of products that have aided research and manufacturing needs for many years.

GWS has multiple subunits and various antibodies available.

The hormones GWS supplies are derived from anterior pituitary glands which are known to produce adrenocorticotrophic hormone (ACTH), thyroid-stimulating hormone (TSH), growth hormone (GH), follicle-stimulating hormone (FSH), luteinizing hormone (LH), and prolactin (PRL).

The cancer antigens are derived from native serum, ascites, tumors, and seminal fluid. GWS supplies recombinant forms from prostate, breast, ovarian, and gastrointestinal cancers.

Recombinant proteins and purified immunoglobulins are available as well.

Please inquire: josh@gwbiosolutions.com



HIGHLY PURIFIED ANTIGENS

ANTIGENS	HUMAN	RAT	MOUSE	OVINE	BOVINE	PORCINE	EQUINE	CHICKEN
ACTH	X	X	X					
CG	X							
CG, Recombinant	X							
CG α & CG β , Recombinant	X							
FSH, Pituitary	X	X	X	X	X	X	X	
GH, Pituitary	X	X	X	X	X	X	X	X
GH, Recombinant	X	X	X					
Leptin, Recombinant	X	X	X					X
LH	X	X	X	X	X	X	X	
PRL	X	X	X	X	X	X	X	X
PRL, Recombinant	X	X	X	X	X			X
Relaxin	X	X	X					
TSH	X	X	X	X	X	X	X	X
IgE, Native	X							
IgE, Recombinant	X							
CRP	X							
AFP	X							
B2M	X							

CANCER ANTIGENS

CA 15-3	CA 19-9	CA 72-4	CA 125	PSA

ANTIBODIES

HORMONE ANTISERUM	HUMAN	RAT	MOUSE	OVINE	BOVINE	PORCINE	EQUINE	CHICKEN
ACTH	Rb, Gp	Rb, Gp	Rb	Rb		Rb		
FSH	Rb, Gp	Rb, Gp	Rb	Rb	Rb	Rb	Rb	
GH, Native	Rb, Gp	Rb, Gp	Rb	Rb		Rb		Rb
GH, Recombinant	Rb	Rb	Rb	Rb	Ba	Rb		
Leptin	Rb	Rb	Rb	Rb		Rb		
LH	Rb, Gp	Rb, Gp	Rb	Rb		Rb		
PRL, Native	Rb, Gp	Rb, Gp	Rb	Rb	Rb	Rb	Rt	Rb
PRL, Recombinant	Rb	Rb	Rb	Rb		Rb		
TSH	Rb, Gp	Rb, Gp	Rb	Rb	Rb	Rb		

HOST- Rb- Rabbit antisera | Gp- Guinea pig antisera | Ba- Baboon | Rt- Rat