

Custom Antibody Services



Your Idea, Our Laboratory



GeneTex Your Expertise, Our Antibodies, Accelerated Discovery

Products Resources Research Areas Support Distributors Custom Antibodies

Product Type
 Primary Antibodies
 Secondary Antibodies
 Isotype Controls
 Proteins
 Peptides
 Research Reagents
 Kits
 Cell Tissue Systems
 Slides
 Serum Products

Research Area
 Cancer
 Cell Biology
 Disease Related
 Epigenetics
 Epitope Tag
 Immunology
 Infectious Disease
 Metabolism
 Neuroscience
 Signal Transduction
 Stem Cell Development
 Zebrafish

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My Account

Custom Antibodies
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 Order History
 Change Password
 My Address Info

Home / My Account / Custom Antibody
Custom Antibody

Antigen Preparation Immunization Serum Titer Report Antibody Purification Shipment Data Feedback

Serum Titer Report
 Quantee serum titer:
 Serum titer report:

Antigen Preparation
 Immunization
 Serum Titer Report
 Antibody Purification
 Shipment
 Data Feedback

Let GeneTex become your personal custom antibody production facility.
 GeneTex has produced over 20,000 polyclonal antibodies.
 Use our experience and expertise to help advance your reserch.

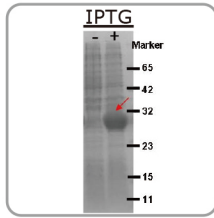


Flow chart

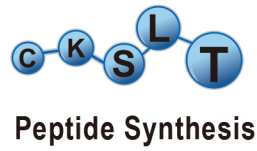


Antigen analysis

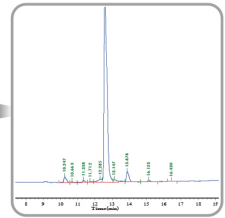
IPTG induction test



Protein expression
in *E.coli* system

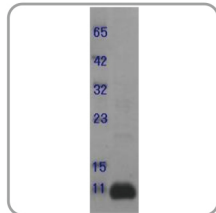


HPLC



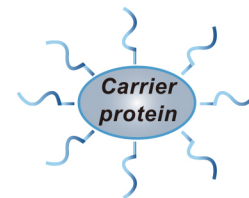
>75% purity

Protein QC report



>90% purity

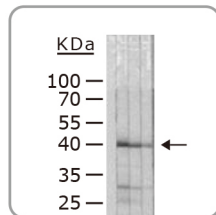
Protein Purification
(working days depends on case)



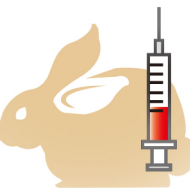
Peptide Conjugation

4-5 weeks

Serum titer report_protein

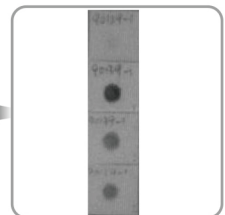


Guarantee: dilution 1:30,000 to detect 0.1µg antigen protein by WB



Immunization

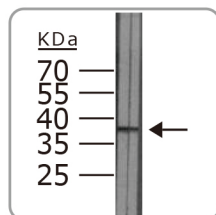
Serum titer report_peptide



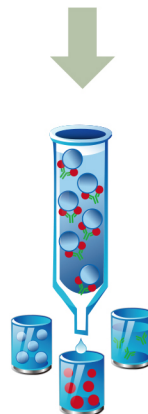
Guarantee: dilution 1:4,000 to detect 0.1µg antigen peptide by Dot blot

12-13 weeks

Antibody QC_protein

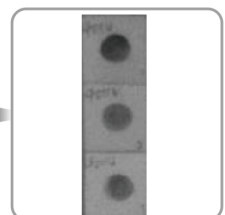


Guarantee: dilution 1:2,000 to detect 0.1µg antigen protein by WB



Antibody Purification

Antibody QC report_peptide



Guarantee: dilution 1:2,000 to detect 0.1µg antigen peptide by Dot blot

15-16 weeks

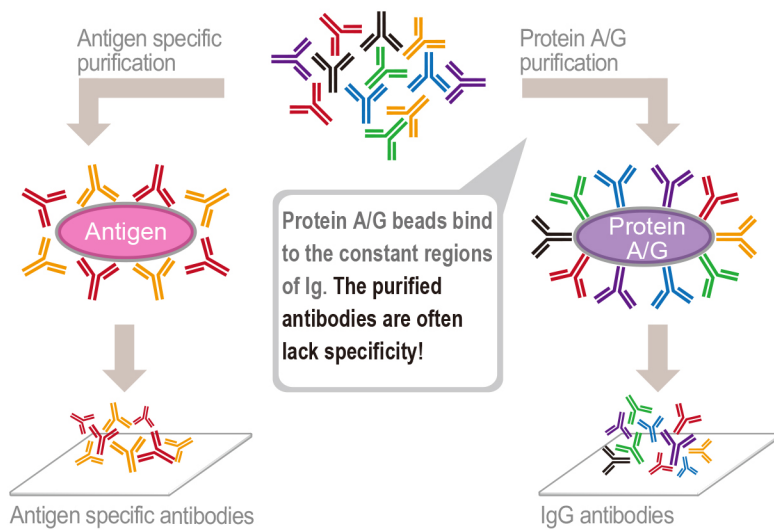
Antibody purification

Protein A purification

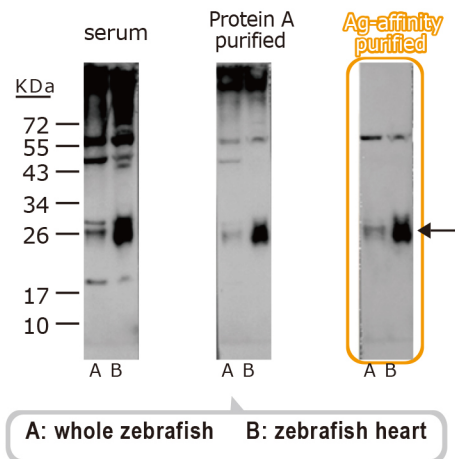
This method takes advantage of the high affinity binding of protein A to the Fc region of IgG molecules. Protein A purification is recommended to eliminate irrelevant serum proteins.

Antigen specific affinity purification

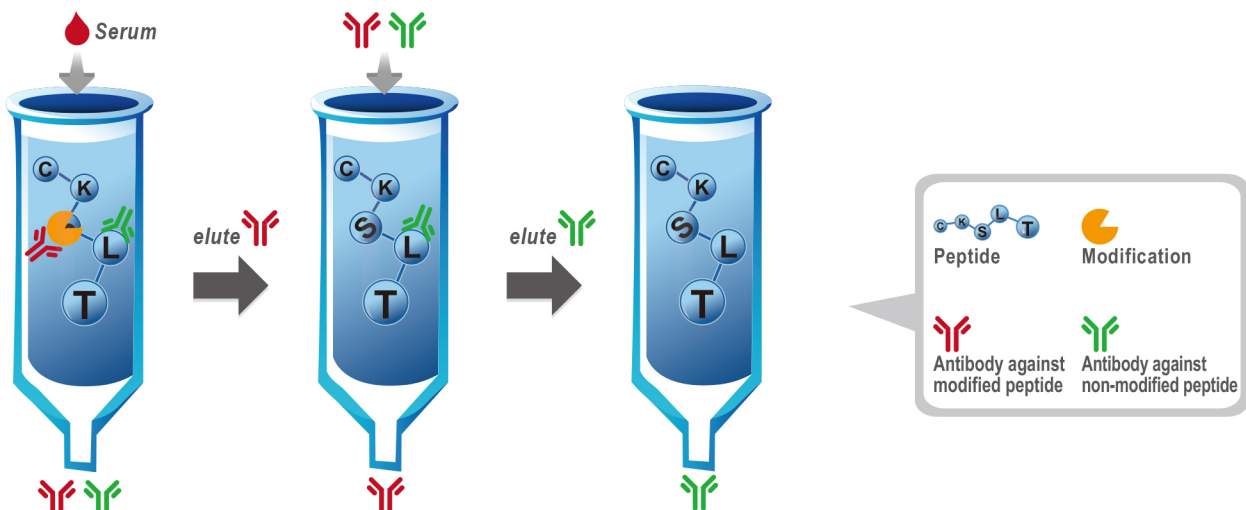
This technique uses interactions between antigen and antibodies to purify only specific antibodies. Affinity purification increases specificity and eliminates background by removing non-specific antibodies in addition to irrelevant serum proteins.



The comparison of different methods for Ab purification



Phospho-antigen double specific affinity purification



GeneTex Custom Polyclonal Antibody Services

	Package I	Package II	Package III
Antigen Preparation	Protein	Peptide	Modified-peptide
Antigen Design	v	v	v
Protein expression and purification (expression clone provided by user)	v		
Peptide synthesis		v	v
Peptide conjugation to carrier protein		v	v
Immunization	v	v	v
Antigen-affinity antibody purification	v	v	
Antigen-affinity double specific purification			v
Turn-around time	14~15 weeks	14~15 weeks	15~16 weeks

Quality Antibodies • Quality Results



GeneTex

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