



CAPRA
SCIENCE

OUR SERVICES INCLUDE:

- Polyclonal Antibody Production
- Monoclonal Antibody Production
- Peptide-specific Antibody Prod.
- Humanized antibodies
- Antibody purification services
- Antigen/Protein production
- Conjugation services
- ELISA and Western Blot services
- Consultation in antibody related projects

THIS IS CAPRA SCIENCE

We are a company highly specialized in providing the global research community, pharma and biotech companies with custom antibodies. We are here to help you from start to finish with personal and free consultation throughout the antibody project.

Our knowledge and vast experience in antibody production, combined with our ability to safely produce antibodies on a small or large scale, make us an excellent choice for your antibody production needs. In addition, we offer our customers a clear standpoint in regards to ethics, environment and animal protection. All work remains strictly confidential. Upon request, a secrecy agreement will be signed. You are welcome to contact us and we will tell you in more detail about our services.

Looking forward to hearing from you,

Lovisa Hessle Bergman, Ph.D.
Managing Director

CAPRA SCIENCE

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We can help you with the whole process from project lay-out to ready-to-use purified antibodies.

POLYCLONAL ANTIBODY PRODUCTION

- Antiserum production in Goat
- Antiserum production in Rabbit
- Antibody production in Hen eggs (IgY)

MONOCLONAL ANTIBODY PRODUCTION

- From antigen or from existing hybridoma
- Immunization program for mice
- Production and subcloning of hybridoma
- Expansion and production of antibodies

PEPTIDE-SPECIFIC ANTIBODY PRODUCTION

- Peptide design
A service where we assist the customer in pin-pointing up to three peptide sequences from a given protein sequence for the purpose of antibody production.
- Peptide synthesis for antigen production
Synthesis of ImmunoGrade peptide. Peptides with modifications can also be produced.
- Conjugation of peptide to carrier
KLH, THR, OVA or BSA
- Immunization program for goat/rabbit/hen
12-week immunization scheme with option to continue

HUMANIZED ANTIBODY PRODUCTION

- Cloning and sequencing of antibody V-chains
- Isotype-switching and chimarization of antibodies
- Transient gene expression in human cells (production of recombinant antibodies)
- Humanization of antibodies (CDR-grafting and re-shaping)

ANTIBODY PURIFICATION SERVICES

- IgG-purification of antiserum or media
- IgY-purification from egg yolks
- Purification using antigen-specific affinity column

ANTIGEN/PROTEIN PRODUCTION

- Peptide synthesis and conjugation (up to 100 amino acids); all purities.
- Gene synthesis
- Transient gene expression (recombinant protein made in eukaryote cells)

ANTIBODY SERVICES

- Conjugation of antibodies or molecules
- ELISA for titer-check
- ELISA development for routine analysis
- Western Blot analysis
- Affinity measurements of antibodies
- Epitope mapping

