

# Phosphoproteomics

Phosphoproteomics aims to identifying phosphorylated proteins and peptides in diverse samples, accurately localizing and quantifying phosphorylation sites, and ultimately elucidating their biological functions.



Highly specific antibodies for comprehensive coverage of modified proteins



High sensitivity and resolution mass spectrometry platform



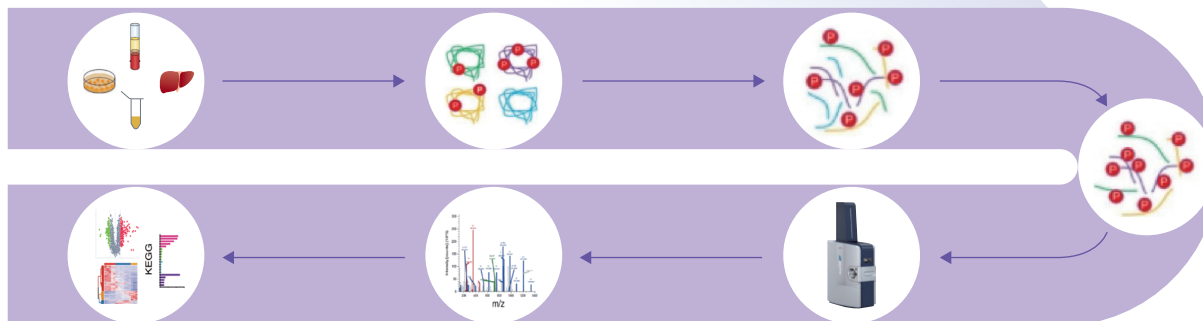
High-throughput 4D protein profiling detection technology

## Workflow

**Step1** Sample Shipping

**Step2** Protein Extraction

**Step3** Trypsin Digestion



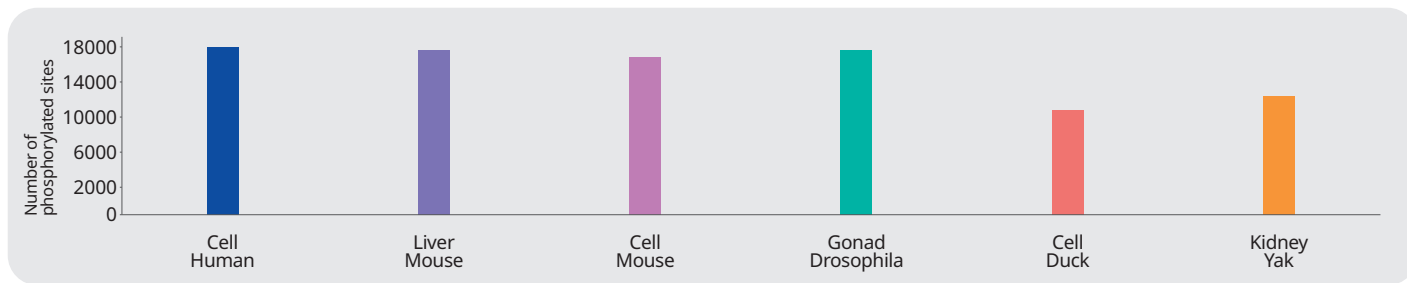
**Step4**  
Phosphopeptides  
Enrichment

**Step7** Data Analysis

**Step6** Database Search

**Step5** LC-MS/MS

## Project Experience



*Average number of phosphorylated sites identified*

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