



Turun yliopisto  
University of Turku

# THERAPEUTICS & DIAGNOSTICS

UTU TTO  
Technology & IP  
Available for  
Licensing

## Anti-GTP Antibody

Recombinant anti-GTP (guanosine triphosphate) antibody

- Unique specificity profile: structures of both the nucleotide and the base part contribute on the antigen recognition
- The antibody not only has a capacity to discriminate between GTP and GDP, but it also shows specificity to GTP over other type of trinucleotides (such as CTP and ATP)
- The usefulness of the antibody has been demonstrated in a GTPase cycling assay based on the monitoring of GTP hydrolysis (Kopra K, et al., (2017) Anal Chem. 89:4508-4516)
- Applications: Drug screening assays
- End users: Companies developing HTS assays for drug screening, pharmaceutical industry

### CONTACT INFORMATION

Piia von Lode, PhD  
Innovation Manager  
piia.vonlode@utu.fi

University of Turku  
Innovation Services / UTU TTO  
FI-20014 TURUN YLIOPISTO

[utu.fi/tto](http://utu.fi/tto)