

Ab00436-23.3 Anti-GCN4 [C11L34]

Rabbit IgG, Fc Silent™

Product Summary

Description: Recombinant monoclonal antibody to GCN4. Manufactured using AbAb's Recombinant Platform with variable regions (i.e. specificity) from the scFv C11L34.

This full-length, chimeric rabbit antibody was made using the variable domain sequences of the original Mouse scFv format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Rabbit IgG, Fc Silent™, lambda

Clone Number: C11L34

Published Application(s): WB; SPR

Alternative Names(s) of Target: General Control Protein

Published Species Reactivity: *Saccharomyces cerevisiae*

Immunogen: Biotinylated GCN4-peptide (HLENEVARLKK).

Specificity: This antibody binds to the HLENEVARLKK peptide from the leucine-zipper domain of the *S. cerevisiae* GCN4 transcriptional activator with a Kd of 5 pM.

Antibody First Published in: Zahnd et al. Directed in vitro evolution and crystallographic analysis of a peptide-binding single chain antibody fragment (scFv) with low picomolar affinity. Journal of Biological Chemistry 2004; 279(18):18870-18877 [PMID:14754898](#)

Note on publication- Describes the generation of an scFv with high affinity using directed evolution.

Application Notes: This antibody binds to the GCN4-leucine zipper peptide, which is part of the dimerisation- and DNA-binding domain of the transcriptional activator GCN4 in *S. cerevisiae*.

Product Form

Purification: Protein A affinity purified

Supplied in: PBS with preservative (0.02% Proclin 300)

Storage Recommendation: Store at 4°C for up to 3 months. For longer term storage aliquot into small volumes and store at -20°C

Important note- This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals