

## Anti-GCN4 [C11L34] Standard Size Ab00436-23.0

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, Lambda

**Clone Number:** C11L34

**Alternative Name(s) of Target:** General Control Protein 4

**UniProt Accession Number of Target Protein:** P03069

**Published Application(s):** IP, SPR, WB

**Published Species Reactivity:** *S. 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 picomolar affinity.

**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*.

**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.

## Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

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