Product Data Sheet

Catalogue No.	Qty:
AB0453-100	300

Anti-Gal4

Source: Goat

General description: Goat polyclonal antibody to GAL4. The GAL4 reporter system is a widely used genetic tool in molecular biology and developmental biology, primarily in Drosophila melanogaster (fruit fly) research but also adapted for other model organisms like mice and zebrafish. The GAL4 "Driver" Line Encodes the GAL4 transcription factor, originally derived from Saccharomyces cerevisiae (yeast). It is a binary expression system that allows precise spatial and temporal control of gene expression.

Alternative names: N/A

Form: Polyclonal antibody supplied as a 100 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Purified recombinant peptide derived from within residues 140 aa to the N-terminus of yeast Gal4 produced in E. coli.

Specificity: Detects levels of Gal4 recombinant protein by Western blot.

Reactivity: Reacts with Saccharomyces cerevisiae proteins

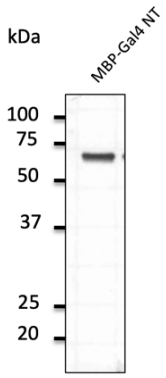
Sample	WB	IHC (F)	IHC (P)	IF	ELISA	IEM
Saccharomyces cerevisiae	+++	ND	ND	ND	ND	ND

+++ excellent, ++ good, + poor, ND not determined

Usage:

Storage: Store at -20 C for long-term storage. Store at 2-8 C for up to one month.

Special instructions: Avoid freeze/thaw cycles..



Gal4 recombinant protein at 40 ng per lane detected with at 1:1,000 dilution and rabbit polyclonal togoat IgG (HRP) at 1/10,000 dilution;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.