

**Catalogue No.**

AB0453-100

**Qty:**

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

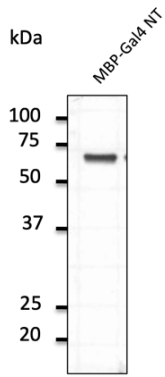
Sample	WB	IHC (F)	IHC (P)	IF	ELISA	IEM
<i>Saccharomyces cerevisiae</i>	+++	ND	ND	ND	ND	ND

+++ 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 to goat 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.