

# CGI-58 Polyclonal Antibody

<b>CATALOG #:</b>	3901-100
<b>AMOUNT:</b>	100 µg
<b>LOT #:</b>	_____
<b>HOST:</b>	Rabbit
<b>IMMUNOGEN:</b>	Synthetic peptide surrounding amino acid 218 of human CGI-58 (Internal ID# BV-B40).
<b>SPECIES REACTIVITY:</b>	human, mouse, rat

## FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, and 0.01% thimerosal.

**STORAGE CONDITIONS:** Store at -20°C. For long term storage, store at -70°C.

## DESCRIPTION:

Comparative Gene Identification-58 (CGI-58) is a causal gene of Dorfman-Chanarin syndrome, a neutral lipid storage disease characterized by the presence of intracellular lipid droplets in tissues. CGI-58 comes from a large family of proteins characterized by an  $\alpha/\beta$  hydrolase fold that activates adipose triglyceride lipase thus, may involve in lipid metabolism.

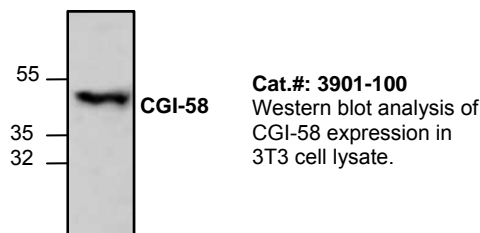
## SPECIFICITY:

The antibody recognizes ~45 kDa of CGI-58 in 3T3 cell lysate. Reactivity to other species has not been tested.

## APPLICATION AND USAGE:

The antibody can be used for Western blotting (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide (Cat.# 3901BP-50) is available separately.

**FOR RESEARCH USE ONLY! Not to be used in humans.**



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