

# GALC Polyclonal Antibody

Catalog Number:E-AB-62750

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

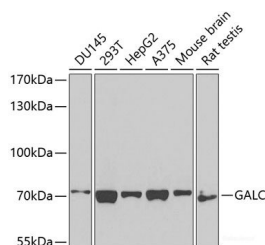
## Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	Recombinant fusion protein of human GALC (NP_000144.2).
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Applications Recommended Dilution

<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:50-1:100

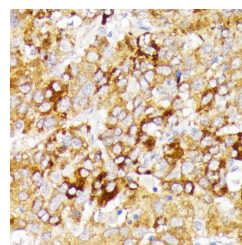
## Data



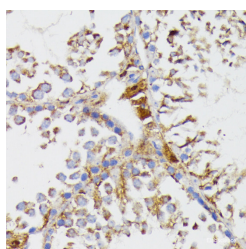
Western blot analysis of extracts of various cell lines using GALC Polyclonal Antibody at dilution of 1:1000.

**Observed Mw:77kDa**

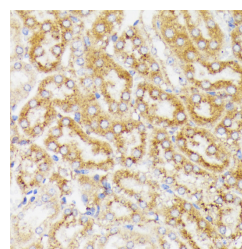
**Calculated Mw:67kDa/74kDa/77kDa**



Immunohistochemistry of paraffin-embedded Human liver cancer using GALC Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse testis using GALC Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse kidney using GALC Polyclonal Antibody at dilution of 1:100 (40x lens).

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

This gene encodes a lysosomal protein which hydrolyzes the galactose ester bonds of galactosylceramide, galactosylsphingosine, lactosylceramide, and monogalactosyldiglyceride. Mutations in this gene have been associated with

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Krabbe disease, also known as globoid cell leukodystrophy. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

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