

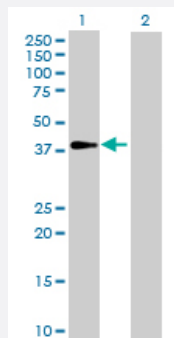
MaxPab®

## GALM purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00130589-B01P

Size 50 ug

### Applications



#### Western Blot (Transfected lysate)

Western Blot analysis of GALM expression in transfected 293T cell line ([H00130589-T01](#)) by GALM MaxPab polyclonal antibody.

Lane 1: GALM transfected lysate(37.62 KDa).

Lane 2: Non-transfected lysate.

### Specification

#### Product Description

Mouse polyclonal antibody raised against a full-length human GALM protein.

#### Immunogen

GALM (NP\_620156.1, 1 a.a. ~ 342 a.a) full-length human protein.

#### Sequence

MASVTRAVFGELPSGGGTVEKFQLQSDLLRVDIISWGCTITALEVKDRQGRASDVVLGFAEELEGY  
LQKQPYFGAVIGRVANRIAKGTFKVDGKEYHLAINKEPNSLHGGVVRGFDKVLWTPRVLSNGVQFS  
RISPDGEEGYPGELKVWVYTLDDGELVNYRAQASQATPVNLTNHSYFNLAGQASPNDHEVTIE  
ADTYLPVDETLIPTGEVAPVQGTAFDLRKPVELGKHLQDFHLNGFDHNFCLKGSKEKHFCARVHH  
AASGRVLEVYTTQPGVQFYTGNFLDGTLKGKNGAVYPKHSGFCLETQNWPDVAVNQPRFPPVLLR  
PGEEYDHTTWFKFSVA

#### Host

Mouse

#### Reactivity

Human

#### Quality Control Testing

Antibody reactive against mammalian transfected lysate.

#### Storage Buffer

In 1x PBS, pH 7.4

#### Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

## Gene Info — GALM

Entrez GeneID [130589](#)

GeneBank Accession# [NM\\_138801.1](#)

Protein Accession# [NP\\_620156.1](#)

Gene Name GALM

Gene Alias BLOCK25

Gene Description galactose mutarotase (aldose 1-epimerase)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes an enzyme that catalyzes the epimerization of hexose sugars such as glucose and galactose. The encoded protein is expressed in the cytoplasm and has a preference for galactose. The encoded protein may be required for normal galactose metabolism by maintaining the equilibrium of alpha and beta anomers of galactose

**Other Designations** aldose 1 epimerase

## Pathway

- [Glycolysis / Gluconeogenesis](#)