

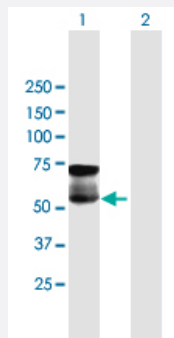
MaxPab®

GGT1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002678-B01P

Size 50 ug

Applications

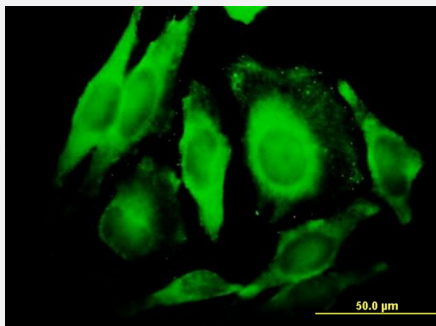


Western Blot (Transfected lysate)

Western Blot analysis of GGT1 expression in transfected 293T cell line ([H00002678-T01](#)) by GGT1 MaxPab polyclonal antibody.

Lane 1: GGT1 transfected lysate(62.59 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to GGT1 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human GGT1 protein.

Immunogen

GGT1 (NP_005256.2, 1 a.a. ~ 569 a.a) full-length human protein.

Sequence	MKKKLVLGLLAVVLVLVGLCLWLPSASKEPDNHVYTRAAVAADAKQCSKIGRDALRDGSSA VDAAIAALLCVGLMNAHSMGIGGGLFLTYNSTTRKAEVINAREVAPRLAFATMFNSSEQSQKGGL SVAVPGEIRGYELAHQRHGRLPWARLFQPSIQLARQGFPVGKGLAAALENKRTVIEQQPVLCVFE CRDRKVLREGERLTLPQLADTYETLAIEGAQAFYNGSLTAQVKDIQAAGGIVTAEDLNNYRAELIEH PLNISLGDVVLVMPAPLSGPVLAAILNLKGYNFSRESVESPEQKGLTYHRVEAFRFAYAKRTLLG DPKFVDVTEVVRNMTSEFFAAQLRAQISDDTTHPISYYKPEFYTPDDGGTAHLSVVAEDGSASVSA TSTINLYFGSKVRSPVSGILFNNEMDDFSSPSITNEFGVPPSPANFIQPGKQPLSSMCPTIMVGQD GQVRMVVGAAGGTQITTATALAIYNLWFGYDVKRAVEEPRLHNQLLPNVTTVERNIDQAVTAALET RHHHTQIASTFIQAVVQAMRTAGGWAAASDSRKGGEPAKY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (79); Rat (79)
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.

Applications

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to GGT1 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — GGT1

Entrez GeneID	2678
GeneBank Accession#	NM_001032364.1
Protein Accession#	NP_005256.2
Gene Name	GGT1

Gene Alias	CD224, D22S672, D22S732, GGT, GTG, MGC96892, MGC96904, MGC96963
Gene Description	gamma-glutamyltransferase 1
Omim ID	231950
Gene Ontology	Hyperlink
Gene Summary	The enzyme encoded by this gene catalyzes the transfer of the glutamyl moiety of glutathione to a variety of amino acids and dipeptide acceptors. The enzyme is composed of a heavy chain and a light chain, which are derived from a single precursor protein, and is present in tissues involved in absorption and secretion. This enzyme is a member of the gamma-glutamyltransferase protein family, of which many members have not yet been fully characterized and some of which may represent pseudogenes. This gene is classified as type I gamma-glutamyltransferase. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]
Other Designations	OTTHUMP00000028921 OTTHUMP00000159078 gamma-glutamyl transpeptidase glutamyl transpeptidase

Publication Reference

- [Non enzymatic upregulation of tissue factor expression by gamma-glutamyl transferase in human peripheral blood mononuclear cells.](#)

Scalise V, Balia C, Cianchetti S, Neri T, Carnicelli V, Zucchi R, Franzini M, Corti A, Paolicchi A, Celi A, Pedrinelli R.

Thrombosis Journal 2016 Nov; 14:45.

Application: IA, Human, PBMCs

Pathway

- [Arachidonic acid metabolism](#)
- [Cyanoamino acid metabolism](#)
- [Glutathione metabolism](#)
- [Metabolic pathways](#)
- [Selenoamino acid metabolism](#)
- [Taurine and hypotaurine metabolism](#)

Disease

- [Alzheimer disease](#)
- [Arsenic Poisoning](#)
- [Cognition](#)
- [Disease Progression](#)
- [DNA Damage](#)
- [Fatty Liver](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
- [Pancreatic Neoplasms](#)
- [Sleep Apnea](#)