

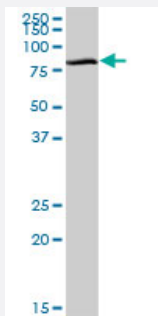
MaxPab®

GGA1 MaxPab mouse polyclonal antibody (B01)

Catalog # H00026088-B01

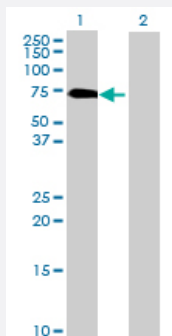
Size 50 uL

Applications



Western Blot (Tissue lysate)

GGA1 MaxPab polyclonal antibody. Western Blot analysis of GGA1 expression in human colon.



Western Blot (Transfected lysate)

Western Blot analysis of GGA1 expression in transfected 293T cell line ([H00026088-T01](#)) by GGA1 MaxPab polyclonal antibody.

Lane 1: GGA1 transfected lysate(60.72 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human GGA1 protein.

Immunogen

GGA1 (NP_001001560, 1 a.a. ~ 552 a.a) full-length human protein.

Sequence	MEPAMEPETLEARINRATNPLNKELDWASINGFCEQLNEDFEGPPLATRLLAHKIQSPQEWEAIQ ALTVLETCMKSCGKRFHDEVGKFRFLNELIKVVSPKYLGSRTSEKVKNKILELLYSWTVGLPEEVK IAEAYQMLKKQGIVKSDPKLPDDTTFLPPPPRPKNVIFEDEEKSKMLARLLKSSHPEDLRAANKLI KEMVQEDQKRMEKISKRVNAIEEVNNNVKLLTEMVMSSHSGGAAAGSSSEDLMKELYQRCERMR PTLFRLASDTEDEALGLSDPTPPSGPSLDGTGWNSFQSSDATEPPAPALAAQAPSMESRPPA QTSLPASSGLDDLDLLGKTLLQQSLPPESQQVRWEKQQPTPRLTLRDLQNKSSSCSSPSSSATS LLHTVSPEPPRPPQQPVPTELSLASITVPLESIKPSNILPVTYDQHGFRILFHFARDPLPGRSDVL VVVVSMLSTAPQPIRNIVFQSAVPKVMKVKLQPPSGTELPAFNPIVHPSAITQVLLLANPQKEKVR LRYKLTFMTGDQTYNEMGDVDQFPPPETWGS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (71); Rat (61)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Tissue lysate)

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[Protocol Download](#)

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Western Blot analysis of GGA1 expression in transfected 293T cell line ([H00026088-T01](#)) by GGA1 MaxPab polyclonal antibody.

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[Protocol Download](#)

Gene Info — GGA1

Entrez GeneID

[26088](#)

GeneBank Accession#

[NM_001001560](#)

Protein Accession#	NP_001001560
Gene Name	GGA1
Gene Alias	-
Gene Description	golgi associated, gamma adaptin ear containing, ARF binding protein 1
Omim ID	606004
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the Golgi-localized, gamma adaptin ear-containing, ARF-binding (GGA) protein family. Members of this family are ubiquitous coat proteins that regulate the trafficking of proteins between the trans-Golgi network and the lysosome. These proteins share an amino-terminal VHS domain which mediates sorting of the mannose 6-phosphate receptors at the trans-Golgi network. They also contain a carboxy-terminal region with homology to the ear domain of gamma-adaptins. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	ADP-ribosylation factor binding protein 1 OTTHUMP00000028975 OTTHUMP00000042200 gamma-adaptin related protein 1

Publication Reference

- [A SEPT1-based scaffold is required for Golgi integrity and function.](#)

Song K, Gras C, Capin G, Gimber N, Lehmann M, Mohd S, Puchkov D, Rödiger M, Wilhelmi I, Daumke O, Schmoranz J, Schürmann A, Krauss M.

Journal of Cell Science 2019 Feb; 132(3): jcs225557.

Application: IF, Human, HeLa cells

Pathway

- [Lysosome](#)