

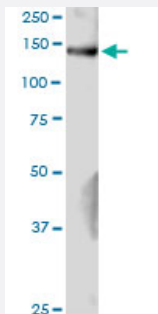
MaxPab®

GAK MaxPab rabbit polyclonal antibody (D01)

Catalog # H00002580-D01

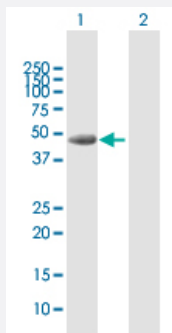
Size 100 uL

Applications



Western Blot (Tissue lysate)

GAK MaxPab rabbit polyclonal antibody. Western Blot analysis of GAK expression in mouse testis.

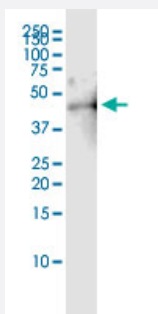


Western Blot (Transfected lysate)

Western Blot analysis of GAK expression in transfected 293T cell line ([H00002580-T02](#)) by GAK MaxPab polyclonal antibody.

Lane 1: GAK transfected lysate(44 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of GAK transfected lysate using anti-GAK MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with GAK purified MaxPab mouse polyclonal antibody (B01P) ([H00002580-B01P](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human GAK protein.

Immunogen	GAK (AAH08668.1, 1 a.a. ~ 416 a.a) full-length human protein.
Sequence	MSLLQSALDFLAGPGSLGGASGRDQSD FVGQTVELGELRLLLAS PAPPLSVQSTPRGGPPAAA DPFGPLLSSGNNSQPCSNPDLFGEFLNSDSVTVPSPFSAHSSPPPPSCSADFLHLGDLPGEP SKMTASSSNPDLLGGWAAWTEAASAVAPTPATEGPLFSPGGQPAPCGSQASWTKSQNPDPF ADLGLDSSGLQGSPAGFPFGGFIPTATTPKGSSSWQTSRPPAQGASWPPQAKPPPKACTQPR PNYASNFSVIGAREERGVRAPSFAQKPKVSENFEDLLSNQGFSSRSDKKGPKTIAEMRKQDLA KDTDPLKLLLDWIEGKERNIRALLSTLHTVLWDGESRWTPVGMADLVAPEQVKKHYRRAVLAVH PDKAAGQPYEQHAKMIFMELNDAWSEFENQGSRLP
Host	Rabbit
Reactivity	Human, Mouse
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.

Applications

- Western Blot (Tissue lysate)

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[Protocol Download](#)

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- Immunoprecipitation

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[Protocol Download](#)

Gene Info — GAK

Entrez GeneID [2580](#)

GeneBank Accession#	BC008668.1
Protein Accession#	AAH08668.1
Gene Name	GAK
Gene Alias	FLJ16629, FLJ40395, MGC99654
Gene Description	cyclin G associated kinase
Omim ID	602052
Gene Ontology	Hyperlink
Gene Summary	<p>In all eukaryotes, the cell cycle is governed by cyclin-dependent protein kinases (CDKs), whose activities are regulated by cyclins and CDK inhibitors in a diverse array of mechanisms that involve the control of phosphorylation and dephosphorylation of Ser, Thr or Tyr residues. Cyclins are molecules that possess a consensus domain called the 'cyclin box.' In mammalian cells, 9 cyclin species have been identified, and they are referred to as cyclins A through I. Cyclin G is a direct transcriptional target of the p53 tumor suppressor gene product and thus functions downstream of p53. GAK is an association partner of cyclin G and CDK5. [provided by RefSeq]</p>
Other Designations	-

Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Parkinson Disease](#)