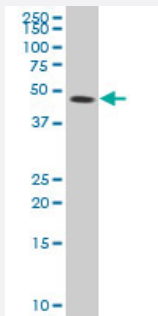


GABPB2 polyclonal antibody (A01)

Catalog # H00002553-A01

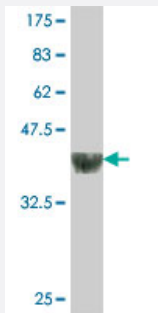
Size 50 uL

Applications



Western Blot (Cell lysate)

GABPB2 polyclonal antibody (A01), Lot # 060703JCS1 Western Blot analysis of GABPB2 expression in 293 (Cat # L026V1).



Western Blot detection against Immunogen (35.68 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant GABPB2.
Immunogen	GABPB2 (NP_002032, 274 a.a. ~ 360 a.a) partial recombinant protein with GST tag.
Sequence	TIVTDGIQLGNLHSIPTSGIGQPIIVTMPDGQQVLTVPATDIAETVISEEPPAKRQCIEIENRVESAEIE VRSLLPGVLCRSHPK
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.68 KDa) .

Storage Buffer	50 % glycerol
----------------	---------------

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

Applications

- Western Blot (Cell lysate)

GABPB2 polyclonal antibody (A01), Lot # 060703JCS1 Western Blot analysis of GABPB2 expression in 293 (Cat # L026V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — GABPB1

Entrez GeneID	2553
---------------	----------------------

GeneBank Accession#	NM_002041
---------------------	---------------------------

Protein Accession#	NP_002032
--------------------	---------------------------

Gene Name	GABPB1
-----------	--------

Gene Alias	BABPB2, E4TF1, E4TF1-47, E4TF1-53, E4TF1B, GABPB, GABPB2, NRF2B1, NRF2B2
------------	--

Gene Description	GA binding protein transcription factor, beta subunit 1
------------------	---

Omim ID	600610
---------	------------------------

Gene Ontology	Hyperlink
---------------	---------------------------

Gene Summary	This gene encodes the GA-binding protein transcription factor, beta subunit. This protein forms a tetrameric complex with the alpha subunit, and stimulates transcription of target genes. The encoded protein may be involved in activation of cytochrome oxidase expression and nuclear control of mitochondrial function. The crystal structure of a similar protein in mouse has been resolved as a ternary protein complex. Multiple transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq]
--------------	---

Other Designations	-
--------------------	---

Publication Reference

- [A Hepatic GAbp-AMPK Axis Links Inflammatory Signaling to Systemic Vascular Damage.](#)

Niopek K, Üstünel BE, Seitz S, Sakurai M, Zota A, Mattijssen F, Wang X, Sijmonsma T, Feuchter Y, Gail AM, Leuchs B, Niopek D, Staufer O, Brune M, Sticht C, Gretz N, Müller-Decker K, Hammes HP, Nawroth P, Fleming T, Conkright MD, Blüher M, Zeigerer A, Herzig S, Berriel Diaz M.

Cell Reports 2017 Aug; 20(6):1422.

Application: IP-WB, Human, Hepa1-6 cells