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GABPB2 Rabbit pAb

Catalog # AP97760

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q8TAK5
Other Accession	Q8TAK5
Predicted	Rat, Pig, Human, Mouse, Rabbit, Chicken, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48650
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human GABPB2
Epitope Specificity	21-120/448
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 5 ANK repeats.
SUBUNIT	Heterotetramer of two alpha and two beta subunits. Interacts with HCFC1, causing repression of transcriptional activity.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	126626
Other Names	GABP2; GABPB-2; 1810015F01Rik; 5830427M07; 9430006E19Rik; A430024B14Rik; Gabpb2-1; RGD1565234; GABP2_BOVIN; GABPB2; GABP subunit beta-2; GABP2_HUMAN; GABP2_MOUSE; GA-binding protein beta-2-1 (GABP subunit beta-2-1 | GABPB2-1); GA binding protein transcription factor subunit beta 2; GA binding protein transcription factor beta subunit 2
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	GABPB2
Function	May function as transcription factor capable of interacting with purine rich repeats (GA repeats).
Cellular Location	Nucleus.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.