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RBAK Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant RBAK.
Catalog # AT3585a

Product Information

Application	WB, E
Primary Accession	Q9NYW8
Other Accession	NM_021163
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	6F9
Calculated MW	82995

Additional Information

Gene ID	57786
Other Names	RB-associated KRAB zinc finger protein, RB-associated KRAB repressor, hRBaK, Zinc finger protein 769, RBAK, ZNF769
Target/Specificity	RBAK (NP_066986, 51 a.a. ~ 150 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	RBAK Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

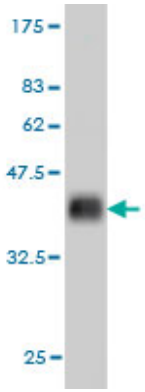
This gene encodes a nuclear protein which interacts with the tumor suppressor retinoblastoma 1. The two interacting proteins are thought to act as a transcriptional repressor for promoters which are activated by the E2F1 transcription factor. This protein contains a Kruppel-associated box (KRAB), which is a transcriptional repressor motif.

References

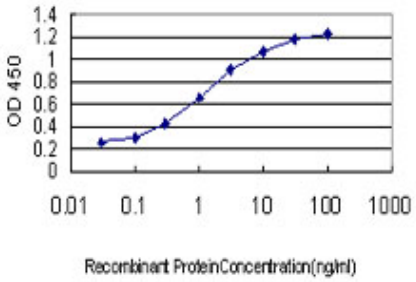
Identification of candidate genes for human pituitary development by EST analysis. Ma Y, et al. BMC Genomics, 2009 Mar 15. PMID 19284880.Coeliac disease-associated risk variants in TNFAIP3 and REL

implicate altered NF-kappaB signalling. Trynka G, et al. Gut, 2009 Aug. PMID 19240061.Examination of chromosome 7p22 candidate genes RBaK, PMS2 and GNA12 in familial hyperaldosteronism type II. Jeske YW, et al. Clin Exp Pharmacol Physiol, 2008 Apr. PMID 18307725.No evidence for coding region mutations in the retinoblastoma-associated Kruppel-associated box protein gene (RBaK) causing familial hyperaldosteronism type II. So A, et al. Clin Endocrinol (Oxf), 2006 Dec. PMID 17121540.Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



Detection limit for recombinant GST tagged RBAK is approximately 0.03ng/ml as a capture antibody.