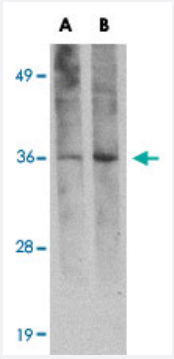
HAX1 monoclonal antibody, clone 8F9G7

Catalog # MAB7875 Size 100 ug

Applications



Western Blot (Tissue lysate)

Western blot analysis of HAX1 in human brain tissue lysate with HAX1 monoclonal antibody, clone 8F9G7 (Cat # MAB7875) at (A) 1 and (B) 2 ug/mL .

Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of HAX1.
Immunogen	A synthetic peptide corresponding to N-terminus 15 amino acids of human HAX1.
Host	Mouse
Reactivity	Human, Mouse, Rat
Form	Liquid
Recommend Usage	Western Blot (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

  Western blot analysis of HAX1 in human brain tissue lysate with HAX1 monoclonal antibody, clone 8F9G7 (Cat # MAB7875) at (A) 1 and (B) 2 ug/mL .

- Enzyme-linked Immunoabsorbent Assay

Gene Info — HAX1

Entrez GeneID	10456
Protein Accession#	NP_006109
Gene Name	HAX1
Gene Alias	FLJ17042, FLJ18492, FLJ93803, HCLSBP1, HS1BP1, SCN3
Gene Description	HCLS1 associated protein X-1
Omim ID	605998 610738
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is known to associate with hematopoietic cell-specific Lyn subs trate 1, a substrate of Src family tyrosine kinases. It also interacts with the product of the polycystic kidney disease 2 gene, mutations in which are associated with autosomal-dominant polycystic ki dney disease, and with the F-actin-binding protein, cortactin. It was earlier thought that this gene p roduct is mainly localized in the mitochondria, however, recent studies indicate it to be localized in the cell body. Mutations in this gene result in autosomal recessive severe congenital neutropenia, also known as Kostmann disease. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	HCLS1 (and PKD2) associated protein|HS1 binding protein|OTTHUMP00000034190

Publication Reference

- Hax1-mediated processing of HtrA2 by Parl allows survival of lymphocytes and neurons.

  Chao JR, Parganas E, Boyd K, Hong CY, Opferman JT, Ihle JN.

  Nature 2008 Feb; 452(7183):98.

- Human immunodeficiency virus type 1 Vpr interacts with antiapoptotic mitochondrial protein HAX-1.

  Yedavalli VS, Shih HM, Chiang YP, Lu CY, Chang LY, Chen MY, Chuang CY, Dayton AI, Jeang KT, Huang LM.

  Journal of Virology 2005 Nov; 79(21):13735.

- K15 protein of Kaposi's sarcoma-associated herpesvirus is latently expressed and binds to HAX-1, a protein with antiapoptotic function.

  Sharp TV, Wang HW, Koumi A, Hollyman D, Endo Y, Ye H, Du MQ, Boshoff C.

  Journal of Virology 2002 Jan; 76(2):802.

Disease

- Myelodysplastic Syndromes