

## Hax1a Monoclonal Antibody

Catalog No: #26022

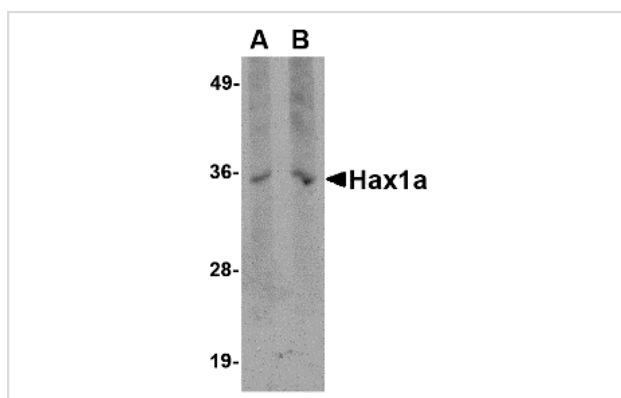
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## Description

Product Name	Hax1a Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	mAb (Clone 9G3D11)
Purification	Immunoaffinity chromatography purified IgG
Applications	ELISA WB
Species Reactivity	Hu Rt
Immunogen Type	Peptide
Immunogen Description	Raised against a 15 amino acid peptide near the amino terminus of human Hax1a.
Target Name	Hax1a
Other Names	Hax1a (9G3D11), HS-1 associated protein X-1, HCLS1 associated protein X-1, HCLSBP1, HS1BP1
Accession No.	Swiss-Prot:O00165Gene ID:10456
Uniprot	O00165
GeneID	10456;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year.

## Images



Western blot analysis of Hax1a in human brain tissue lysate with Hax1a antibody at (A) 1 and (B) 2 ug/mL.

## Background

The HS-1 associated protein X-1 (Hax1) was initially identified in a yeast two-hybrid assay on the basis of its ability to bind to the hemopoietic cell-specific protein 1 (HS-1). Hax1 possesses anti-apoptotic activity and is structurally related to Bcl-2 family members, including the presence of BH1- and BH2-like domains. It has recently been shown to interact with HIV viral protein R (Vpr), a protein required for viral pathogenesis of HIV and linked to T-cell apoptosis through activation of caspases 3 and 9. Other studies indicate that Hax1-mediated processing of HtrA2 (also known as Omi) by the mitochondrial protease PARL allows survival of lymphocytes and neurons when cytokines are limiting. At least four isoforms of Hax1 are known to exist. This antibody is expected to recognize the longest isoform (Hax1a) as well as the shortest.

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Note: This product is for in vitro research use only