

Product datasheet for **TA319820**

HAX1 Mouse Monoclonal Antibody [Clone ID: 9G6C6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	9G6C6
Applications:	WB
Recommended Dilution:	WB: 1 - 2 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Rat
Host:	Mouse
Isotype:	IgG3
Clonality:	Monoclonal
Immunogen:	Mouse monoclonal Hax1a antibody was raised against a 15 amino acid synthetic peptide near the amino terminus of human Hax1a.
Formulation:	Hax1a Monoclonal Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration:	1ug/ul
Purification:	Hax1a Monoclonal Antibody is immunoaffinity chromatography purified IgG.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	HCLS1 associated protein X-1
Database Link:	NP_006109 Entrez Gene 10456 Human O00165



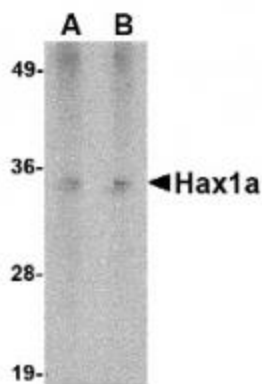
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Background:

Hax1a Monoclonal Antibody: 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 hemapoietic 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.

Synonyms:

HCLSBP1; HS1BP1; SCN3

Product images:

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