

Datasheet for ABIN499946
anti-HAX1 antibody (N-Term)



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1 Image

Overview

Quantity:	0.1 mg
Target:	HAX1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HAX1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Hax1b antibody was raised against a 10 amino acid peptide near the amino terminus of human Hax1b.
Isotype:	IgG
Specificity:	This antibody reacts to HAX1B.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	HAX1
Alternative Name:	HAX1 (HAX1 Products)
Background:	The HS-1 associated protein X-1 (Hax1) was initially identified in a yeast two-hybrid assay on

Target Details

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 predicted to recognize Hax1b. Synonyms: HAX-1, HCLS1-associated protein X-1, HS1-associating protein X-1, HS1-binding protein 1, HS1BP1

Gene ID: 10456

NCBI Accession: [NP_001018238](#)

UniProt: [O00165](#)

Pathways: [Regulation of Actin Filament Polymerization](#)

Application Details

Application Notes: ELISA. Western Blot: 1 - 2 µg/mL.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

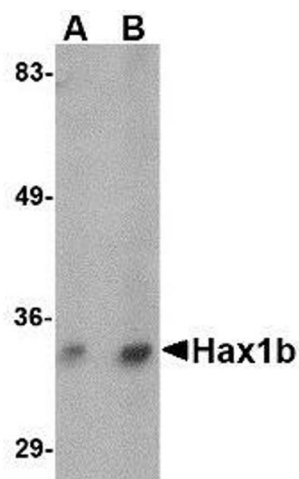
Buffer: PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: Store the antibody undiluted at 2-8 °C.



Western Blotting

Image 1. Western blot analysis of Hax1b in mouse brain tissue lysate with AP30393PU-N Hax1b antibody at (A) 1 and (B) 2 µg/ml.