

Datasheet for ABIN492528
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:	Mouse
Clonality:	Monoclonal
Conjugate:	This HAX1 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	A 15 amino acid peptide near the amino terminus of Human Hax1a (GenBank accession no. NP_006109).
Clone:	8F9G7
Isotype:	IgG
Specificity:	This antibody is expected to recognize the longest isoform (Hax1a) as well as the shortest.
Characteristics:	Synonyms: HAX-1, HS1BP1, HCLS1-associated protein X-1, HS1-associating protein X-1, HS1-bindingprotein 1
Purification:	Immunoaffinity Chromotography.

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 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. Synonyms: HAX-1, HCLS1-associated protein X-1, HS1-associating protein X-1, HS1-binding protein 1, HS1BP1
Gene ID:	10456
UniProt:	O00165
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	ELISA. Western Blot: Hax1a antibody can be used for detection of Hax1a at 1-2 µg/mL. Positive Control: Human brain tissue lysate. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

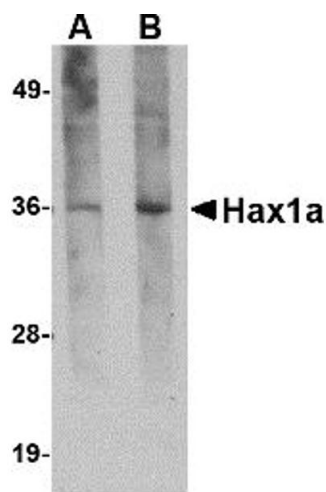
Handling

Buffer:	PBS containing 0.02 % Sodium Azide as preservative.
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. Shelf life: one year from despatch.

Handling

Expiry Date: 12 months

Images



Western Blotting

Image 1.