

Datasheet for ABIN534035

anti-HAP1 antibody[Go to Product page](#)

2 Images

2 Publications

Overview

Quantity:	100 µL
Target:	HAP1
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HAP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Purpose:	Mouse monoclonal antibody raised against recombinant Hap1.
Immunogen:	Recombinant fusion protein corresponding to rat Hap1.
Clone:	1B6
Isotype:	IgG1
Specificity:	This antibody is specific to isoforms A and B. WB analysis where bands can be seen ~95 KDa for isoform A and ~110 KDa for isoform B.
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	HAP1
Alternative Name:	HAP1 (HAP1 Products)
Gene ID:	29430
Pathways:	Cell RedoxHomeostasis , Smooth Muscle Cell Migration , Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	Western Blot (0.5-1 µg/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 µg/mL) Immunohistochemistry (Frozen sections) (0.5-1 µg/mL) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

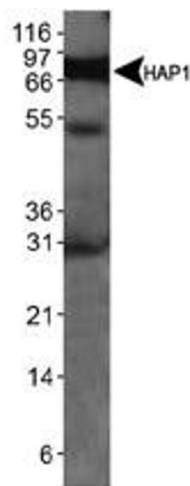
Handling

Format:	Liquid
Buffer:	In PBS (50 % glycerol, 0.05 % 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,-20 °C
Storage Comment:	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Gutekunst, Torre, Sheng, Yi, Coleman, Riedel, Bujo: "Stigmoid bodies contain type I receptor proteins SorLA/LR11 and sortilin: new perspectives on their function." in: The journal of histochemistry and cytochemistry : official journal of the Histochemistry Society , Vol. 51, Issue 6, pp. 841-52, (2003) (PubMed). Chan, Nasir, Gutekunst, Coleman, Maclean, Maas, Metzler, Gertsenstein, Ross, Nagy, Hayden: "Targeted disruption of Huntingtin-associated protein-1 (Hap1) results in postnatal death due to
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depressed feeding behavior." in: **Human molecular genetics**, Vol. 11, Issue 8, pp. 945-59, (2002)
([PubMed](#)).



Western Blotting

Image 1. Western blot analysis of Hap1 in mouse brain lysate using Hap1 monoclonal antibody, clone 1B6 .



Immunohistochemistry

Image 2. Staining of rat hypothalamus using Hap1 monoclonal antibody, clone 1B6 .