

Datasheet for ABIN1407596

anti-NAP1L2 antibody (AA 201-300) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	NAP1L2
Binding Specificity:	AA 201-300
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NAP1L2 antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human NAP1L2
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	NAP1L2
Alternative Name:	NAP1L2 (NAP1L2 Products)
Background:	Synonyms: Brain specic gene BPX, BPX, Brain specic protein, X linked, MGC26243, Nucleosome

Target Details

assembly protein 1 like 2, NP1L2_HUMAN.

Background: Proper nucleosome assembly is critical for compacting DNA into chromatin. In human and mouse there are 5 protein-coding genes which comprise the nucleosome assembly protein (NAP) family. NAP1L1 (NAP1) and NAP1L4 (NAP2) are ubiquitously expressed family members which have been the most extensively studied. The remaining three family members, NAP1L2, NAP1L3 and NAP1L5 are neuron-specific nucleosome assembly proteins translated from intronless genes which are monoallelically expressed. NAP1L2 (nucleosome assembly protein 1-like 2), also known as BPX (brain specific protein, X-linked), is a 460 amino acid protein containing acidic domains which are thought to mediate histone interactions. NAP1L2 binds to chromatin and interacts with Histones H3 and H4. The function of NAP1L2 is not clearly defined although evidence suggests that NAP1L2 influences histone acetylation and therefore may play a significant role in regulating transcription in developing neurons.

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months