

[Go to Product page](#)

Datasheet for ABIN6990396 **anti-KLHL1 antibody (N-Term)**

Overview

Quantity:	0.1 mg
Target:	KLHL1
Binding Specificity:	N-Term
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KLHL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLHL1 antibody was raised against a 14 amino acid synthetic peptide from near the amino-terminus of human KLHL1. The immunogen is located within the first 50 amino acids of KLHL1.
Isotype:	IgG
Purification:	KLHL1 Antibody is immunoaffinity purified .

Target Details

Target:	KLHL1
Alternative Name:	KLHL1 (KLHL1 Products)
Background:	KLHL1 Antibody: The mammalian Kelch-like 1 (KLHL1) was initially discovered as a homolog to the Drosophila Kelch gene that is highly expressed in several brain tissues. The predicted protein domain structure of KLHL1 is characteristic of a number of proteins that bind actin,

Target Details

form dimers, and often act as actin-organizing proteins. Based on the presence of anti-sense RNA that spans the transcription and translation start sites as well as the first splice site of KLHL1 in brain tissue of individuals suffering from the neurodegenerative disorder spinocerebellar ataxia type 8 (SCA8), it has been suggested that KLHL1 is involved this disease and that regulation of KLHL1 protein may be affected by antisense RNA expression.

Molecular Weight: Predicted: 82 kDa

Observed: 82 kDa

Gene ID: 57626

UniProt: [Q9NR64](#)

Application Details

Application Notes: KLHL1 antibody can be used for the detection of KLHL1 by Western blot at 2 - 4 µg/mL.

Antibody can also be used for immunohistochemistry starting at 10 µg/mL.

Antibody validated: Western Blot in human samples and Immunohistochemistry in rat samples.

All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: KLHL1 Antibody is supplied in 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: -20 °C, 4 °C

Storage Comment: KLHL1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.