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## Datasheet for ABIN6991586 **anti-Strumpellin antibody (C-Term)**

### Overview

Quantity:	0.1 mg
Target:	Strumpellin (WASHC5)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Strumpellin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

### Product Details

Immunogen:	Strumpellin antibody was raised against a 19 amino acid synthetic peptide near the carboxy terminus of human Strumpellin. The immunogen is located within the last 50 amino acids of Strumpellin.
Isotype:	IgG
Specificity:	Multiple isoforms of Strumpellin are known to exist.
Purification:	Strumpellin Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	Strumpellin (WASHC5)
Alternative Name:	Strumpellin ( <a href="#">WASHC5 Products</a> )

## Target Details

**Background:** Strumpellin Antibody: Strumpellin is a ubiquitously expressed, multi-transmembrane and spectrin-repeat-containing protein. It is named for Strumpell disease, a progressive upper-motor neurodegenerative disease termed hereditary spastic paraplegia (HSP). The Strumpellin gene maps to the eighth HSP locus (SPG8) on chromosome 8p24.13. Three families linked to this locus have mutations in the Strumpellin gene, rescue studies of zebrafish with decreased Strumpellin expression with Strumpellin mRNA containing these mutations showed impaired normal function of this protein. Recent studies suggest that Strumpellin may also be involved in protein aggregation diseases.

**Gene ID:** 9897

**NCBI Accession:** [NP\\_055661](#)

**UniProt:** [Q12768](#)

## Application Details

**Application Notes:** Strumpellin antibody can be used for detection of Strumpellin by Western blot at 1 µg/mL.

Antibody validated: Western Blot in human samples. All other applications and species not yet tested.

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** Strumpellin 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:** Strumpellin 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.