

Datasheet for ABIN1539241

**anti-STAU1/Staufen antibody (N-Term)****1** Image[Go to Product page](#)

## Overview

Quantity:	400 µL
Target:	STAU1/Staufen (STAU1)
Binding Specificity:	AA 27-55, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This STAU1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 27-55 amino acids from the N-terminal region of human STAU1.
Clone:	RB39339
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	STAU1/Staufen (STAU1)
Alternative Name:	STAU1 ( <a href="#">STAU1 Products</a> )
Background:	Staufen is a member of the family of double-stranded RNA (dsRNA)-binding proteins involved in the transport and/or localization of mRNAs to different subcellular compartments and/or organelles. These proteins are characterized by the presence of multiple dsRNA-binding

## Target Details

domains which are required to bind RNAs having double-stranded secondary structures. The human homologue of staufer encoded by STAU, in addition contains a microtubule-binding domain similar to that of microtubule-associated protein 1B, and binds tubulin. The STAU gene product has been shown to be present in the cytoplasm in association with the rough endoplasmic reticulum (RER), implicating this protein in the transport of mRNA via the microtubule network to the RER, the site of translation. Five transcript variants resulting from alternative splicing of STAU gene and encoding three isoforms have been described. Three of these variants encode the same isoform, however, differ in their 5'UTR.

Molecular Weight: 63182

Gene ID: 6780

NCBI Accession: [NP\\_001032405](#), [NP\\_004593](#), [NP\\_059346](#), [NP\\_059347](#), [NP\\_059348](#)

UniProt: [O95793](#)

Pathways: [Asymmetric Protein Localization](#)

## Application Details

Application Notes: WB: 1:1000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

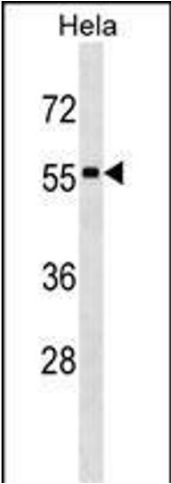
Preservative: Sodium azide

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: STAU1 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



Western Blotting

**Image 1.** STAU1 Antibody (N-term) (ABIN1539241 and ABIN2850235) western blot analysis in HeLa cell line lysates (35 µg/lane). This demonstrates the STAU1 antibody detected the STAU1 protein (arrow).