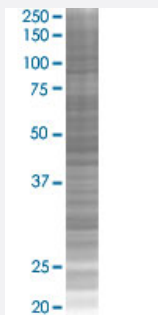


STAU1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00006780-T02

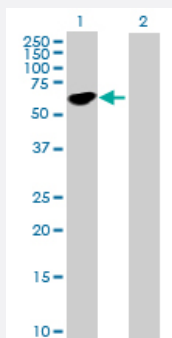
Size 100 uL

Applications



SDS-PAGE Gel

STAU1 transfected lysate.



Western Blot

Lane 1: STAU1 transfected lysate (63.20 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-STAU1 full-length

Host Human

Theoretical MW (kDa) 63.2

Quality Control Testing Transient overexpression cell lysate was tested with Anti-STAU1 antibody ([H00006780-B01P](#)) by Western Blots.
SDS-PAGE Gel
STAU1 transfected lysate.
Western Blot
Lane 1: STAU1 transfected lysate (63.20 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — STAU1

Entrez GeneID	6780
GeneBank Accession#	NM_017453.2
Protein Accession#	NP_059347.2
Gene Name	STAU1
Gene Alias	FLJ25010, STAU
Gene Description	staufen, RNA binding protein, homolog 1 (Drosophila)
Omim ID	601716
Gene Ontology	Hyperlink

Gene Summary	<p>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 domains which are required to bind RNAs having double-stranded secondary structures. The human homologue of staufen 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. [provided by RefSeq]</p>
---------------------	--

Other Designations	OTTHUMP00000031233 OTTHUMP00000031234 OTTHUMP00000031235 OTTHUMP00000031236 OTTHUMP00000031238 staufen
---------------------------	--