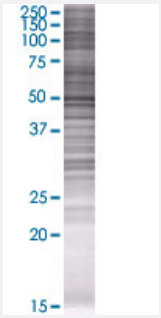
STAU2 293T Cell Transient Overexpression Lysate(Denatured)

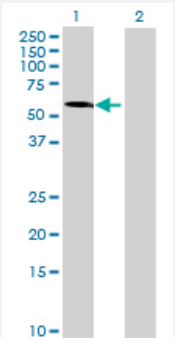
Catalog # H00027067-T01 Size 100 uL

Applications



SDS-PAGE Gel

STAU2 transfected lysate.



Western Blot

Lane 1: STAU2 transfected lysate (52.8 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-STAU2 full-length
Host	Human
Theoretical MW (kDa)	52.8
Interspecies Antigen Sequence	Mouse (95); Rat (94)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-STAU2 antibody (H00027067-B01) by Western Blots. SDS-PAGE Gel STAU2 transfected lysate. Western Blot Lane 1: STAU2 transfected lysate (52.8 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 — STAU2

Entrez GeneID	27067
GeneBank Accession#	NM_014393.1
Protein Accession#	NP_055208.1
Gene Name	STAU2
Gene Alias	39K2, 39K3, DKFZp781K0371, MGC119606
Gene Description	staufen, RNA binding protein, homolog 2 (Drosophila)
Omim ID	605920
Gene Ontology	Hyperlink
Gene Summary	Staufen homolog 2 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. Staufen homolog 2 shares 48.5% and 59.9% similarity with drosophila and human staufen, respectively. The exact function of Staufen homolog 2 is not known, but since it contains 3 copies of conserved dsRNA binding domain, it could be involved in double-stranded RNA binding events. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	staufen homolog 2