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Datasheet for ABIN1385739

## anti-Double-stranded RNA-binding protein Staufen homolog 2 (STAU2) (AA 161-260) antibody

### Overview

Quantity:	100 µL
Target:	Double-stranded RNA-binding protein Staufen homolog 2 (STAU2)
Binding Specificity:	AA 161-260
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human STAU2
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Sheep,Horse,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	Double-stranded RNA-binding protein Staufen homolog 2 (STAU2)
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## Target Details

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Alternative Name: STAU2 ([STAU2 Products](#))

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Background: Synonyms: Double stranded RNA binding protein Staufen homolog 2, MGC119606, STAU 2, STAU2, STAU-2, Staufen Drosophila, RNA-binding protein homolog 2, Staufen homolog 2, Staufen RNA binding protein homolog 2, Staufen, RNA binding protein, homolog 2 Drosophila, 39K2, 39K3, DKFZp781K0371, STAU2\_HUMAN.

Background: 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.

## Application Details

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Application Notes: ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200  
ICC 1:100-500

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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## Handling

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Storage: 4 °C,-20 °C

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Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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Expiry Date: 12 months