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Datasheet for ABIN1388860

anti-Double-stranded RNA-binding protein Staufen homolog 2 (STAU2) (AA 161-260) antibody (Alexa Fluor 488)

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:	Alexa Fluor 488
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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)
Alternative Name:	STAU2 (STAU2 Products)

Target Details

Background:	<p>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.</p> <p>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.</p>
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Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months