

Datasheet for ABIN2779059

anti-Double-stranded RNA-binding protein Staufen homolog 2 (STAU2) (C-Term) antibody



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1 Image

Overview

Quantity:	100 µL
Target:	Double-stranded RNA-binding protein Staufen homolog 2 (STAU2)
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human STAU2
Sequence:	AMLLQLGYKA STNLQDQLEK TGENKGWSGP KPGFPEPTNN TPKGILHLSP
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 86%, Horse: 86%, Human: 100%, Mouse: 79%, Pig: 93%, Rabbit: 86%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against STAU2. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	Double-stranded RNA-binding protein Staufen homolog 2 (STAU2)
Alternative Name:	STAU2 (STAU2 Products)

Target Details

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. Protein Interaction Partner: UBC, ZNF346, DICER1, PRKRA, UPF1, EIF2AK2, ADAR, BMI1, COPS5, ELAVL1, DHX58, tat, KIAA1377, Protein Size: 314
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Molecular Weight:	34 kDa
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Gene ID:	27067
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Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	1 mg/mL
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Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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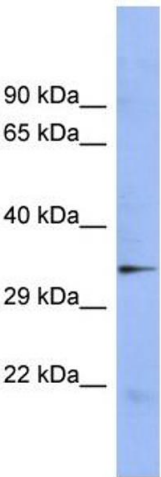
Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeat freeze-thaw cycles.
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Storage:	-20 °C
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Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
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Western Blotting

Image 1. Host: Rabbit Target Name: STAU2 Sample Type: NCI-H226 Whole cell lysates Antibody Dilution: 1.0ug/ml