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anti-Inversin antibody (AA 31-130) (AbBy Fluor® 594)



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Quantity:	100 μL
Target:	Inversin (INVS)
Binding Specificity:	AA 31-130
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Inversin antibody is conjugated to AbBy Fluor® 594
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Inversin
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Cow,Sheep,Chimpanzee
Purification:	Purified by Protein A.

Target Details

Target:	Inversin (INVS)
Alternative Name:	Inversin (INVS Products)

Target Details

Storage Comment:

Expiry Date:

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Background:	Synonyms: INV, Inversion of embryo turning homolog, inversion of embryonic turning, INVS,
	Nephrocystin 2, Nephrocystin-2, Nephrocystin2, nephronophthisis 2 infantile, NPH2, NPHP2,
	INVS_HUMAN.
	Background: Nephrocystin-2 is a 1,065 amino acid protein that exists as three alternatively
	spliced isoforms and is essential for establishment of the left-right axis and normal renal
	development. Localizing to the cytoplasm, cytoskeleton, membrane and nucleus, nephrocystin-
	2 is expressed during presomite-stage embryos and persists in adulthood, with high levels of
	expression in liver and kidney. Mice expressing nephrocystin-2 mutations are primarily
	generated by random insertional mutagenesis and result in the reversal of left/right polarity and
	cyst formation in the kidneys. Furthermore, altered nephrocystin-2 function reverses nodal and
	lefty expression, indicating that nephrocystin-2 signaling occurs upstream of these proteins
	involved in the development of asymmetry.
Gene ID:	27130
Application Details	
Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
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

12 months

Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.