



INVS rabbit pAb

Cat No.:ES9754

For research use only

Overview

Product Name	INVS rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	INVS Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Inversin (Inversion of embryo turning homolog) (Nephrocystin-2)
Gene Name	INVS INV NPHP2
Cellular localization	Cytoplasm . Cytoplasm, cytoskeleton . Cytoplasm, cytoskeleton, spindle . Membrane ; Peripheral membrane protein . Nucleus . Cell projection, cilium . Associates with several components of the cytoskeleton including ciliary, random and polarized microtubules. During mitosis, it is recruited to mitotic spindle. Frequently membrane-associated, membrane localization is dependent upon cell-cell contacts and is redistributed when cell adhesion is disrupted after incubation of the cell monolayer with low-calcium/EGTA medium.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	117kD
Human Gene ID	27130



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Human Swiss-Prot Number Q9Y283

Alternative Names

Background

This gene encodes a protein containing multiple ankyrin domains and two IQ calmodulin-binding domains. The encoded protein may function in renal tubular development and function, and in left-right axis determination. This protein interacts with nephrocystin and infers a connection between primary cilia function and left-right axis determination. A similar protein in mice interacts with calmodulin. Mutations in this gene have been associated with nephronophthisis type 2. Multiple transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, May 2012],



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