



Anti-INV5 (aa 1-91) polyclonal antibody (DPAB-DC1351)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	INV5 (NP_055240, 1 a.a. ~ 91 a.a) partial recombinant protein with GST tag. The sequence is MNKSENLLFAGSSLASQVHAAVNGDKGALQRLIVGNSALKDKEDQFGRTPLMYCVLADR LDCADALLKAGADVNKTDHSQRTALHLAAQK
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	INVS inversin [Homo sapiens (human)]
Official Symbol	INVS
Synonyms	INVS; inversin; INV; NPH2; NPHP2; nephrocystin-2; inversion of embryonic turning; inversion of embryo turning homolog;
Entrez Gene ID	27130
Protein Refseq	NP_055240
UniProt ID	A0A024R153
Chromosome Location	9q31
Function	calmodulin binding; protein binding;