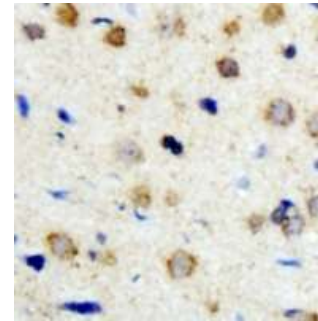


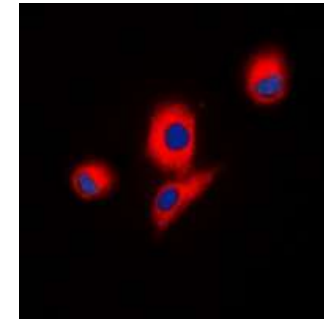
## Anti-ICK Antibody

<b>CATALOG NO:</b>	A1172-100
<b>ALTERNATIVE NAMES:</b>	KIAA0936, Serine/threonine-protein kinase ICK, Intestinal cell kinase, hICK, Laryngeal cancer kinase 2, LCK2, MAK-related kinase, MRK
<b>AMOUNT:</b>	100 µl
<b>IMMUNOGEN:</b>	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ICK
<b>HOST/ISOTYPE:</b>	Rabbit IgG
<b>CLONALITY:</b>	Polyclonal
<b>SPECIFICITY:</b>	Recognizes endogenous levels of ICK protein
<b>SPECIES REACTIVITY:</b>	Human
<b>PURIFICATION:</b>	The antibody was purified by affinity chromatography
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	Supplied in 0.42% Potassium phosphate; 0.87% Sodium chloride; pH 7.3; 30% glycerol and 0.01% sodium azide
<b>STORAGE CONDITIONS:</b>	Shipped at 4°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
<b>DESCRIPTION:</b>	Required for ciliogenesis. Phosphorylates KIF3A (By similarity). Involved in the control of ciliary length. Regulates the ciliary localization of SHH pathway components as well as the localization of IFT components at ciliary tips (By similarity). May play a key role in the development of multiple organ systems and particularly in cardiac development. Regulates intraflagellar transport (IFT) speed and negatively regulates cilium length in a cAMP and mTORC1 signaling-dependent manner and this regulation requires its kinase activity.
<b>APPLICATION:</b>	WB; 1:500 – 1:2000, IHC; 1:50 – 1:200, IF/IC; 1:50 – 1:100

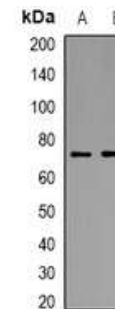
**Note:** This information is only intended as a guide. The optimal dilutions must be determined by the user.



Immunohistochemical analysis of ICK staining in human brain formalin fixed paraffin embedded tissue section.



Immunofluorescent analysis of ICK staining in HEK293T cells



Western blot analysis of ICK expression in HeLa (A); HEK293T (B) whole cell lysates

### RELATED PRODUCTS:

- PI3 kinase antibody (Cat. No. 3959-100)
- PI3Kβ Antibody (Cat. No. 3146-100)
- PI3Kβ Antibody (Cat. No. 3152-100)
- PI3K (p85α) Protein (Cat. No. 7766-5,100)
- PI3K Blocking Peptide (Cat. No. 3959BP-50)

**FOR RESEARCH USE ONLY! Not to be used on humans.**