



# IHCeasy PPFIA1 Ready-To-Use IHC Kit

Catalog Number: KHC1703

**General Information** 

Sample type: FFPE tissue Cited sample type: Reactivity: Human, Mouse, Rat Cited Reactivity: Assay type: Immunohistochemistry Primary antibody type: Rabbit Polyclonal

Secondary antibody type: Polymer-HRP-Goat anti-Rabbit

#### Kit Component

| Component                | Size               | Concentration |
|--------------------------|--------------------|---------------|
| Antigen Retrieval Buffer | 100 mL             | 50×           |
| Washing Buffer           | 100 mL ×2          | 20×           |
| Blocking Buffer          | 5 mL               | RTU           |
| Primary Antibody         | 5 mL               | RTU           |
| Secondary Antibody       | 5 mL               | RTU           |
| Chromogen Component A    | 0.2 mL             | RTU           |
| Chromogen Component B    | 4 mL               | RTU           |
| Signal Enhancer          | 5 mL               | RTU           |
| Counter Staining Reagent | 5 mL               | RTU           |
| Mounting Media           | 5 mL               | RTU           |
| Control Slide            | 1 slide (Optional) | FFPE          |
| Datasheet                | 1 Copy             |               |
| Manual                   | 1 Copy             |               |

### **Storage Instructions**

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

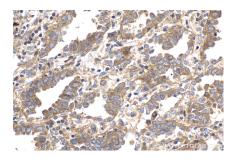
#### Background

Liprin alpha 1, encoded by the PPFIA1 gene, is a member of the LAR protein-tyrosine phosphatase-interacting protein (liprin) family. Liprins interact with members of LAR family of transmembrane protein tyrosine phosphatases, which are known to be important for axon guidance and mammary gland development. Liprin alpha 1 may regulate the disassembly of focal adhesions and thus help orchestrate cell-matrix interactions. Alternatively spliced transcript variants encoding distinct isoforms have been described.

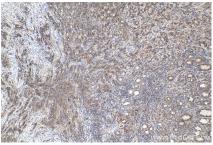
## **Synonyms**

LAR interacting protein 1, LIP 1, LIP.1, LIP1, LIPRIN, Liprin alpha 1, PPFIA1

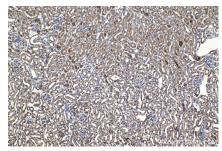
#### Selected Validation Data



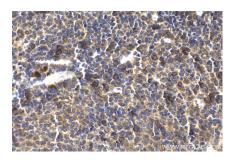
Immunohistochemical analysis of paraffinembedded human lung cancer tissue slide using KHC1703 (PPFIA1 IHC Kit).



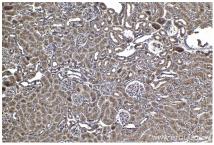
Immunohistochemical analysis of paraffinembedded human stomach cancer tissue slide using KHC1703 (PPFIA1 IHC Kit).



Immunohistochemical analysis of paraffinembedded mouse kidney tissue slide using KHC1703 (PPFIA1 IHC Kit).



Immunohistochemical analysis of paraffinembedded mouse spleen tissue slide using KHC1703 (PPFIA1 IHC Kit).



Immunohistochemical analysis of paraffinembedded rat kidney tissue slide using KHC1703 (PPFIA1 IHC Kit).