

# IHC*easy* AKNA Ready-To-Use IHC Kit

Catalog Number: **KHC1803**

## 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.

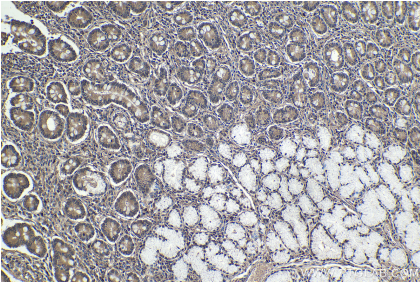
## Background

AKNA also named as AT hook transcription factor is a 1439 amino-acids protein. AKNA, encodes a lymphoid-specific AT-hook transcription factor that is highly expressed by B and T lymphocytes. It coordinately regulates expression of the CD40 receptor and its ligand (CD154), two molecules that are critical for antigen-dependent B-cell development. AKNA expresses at least nine distinct transcripts, some of which are expressed in a tissue-specific manner. These transcripts are products of alternative splicing, alternative promoter usage, and alternative polyadenylation.

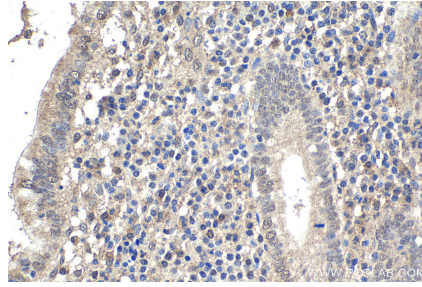
## Synonyms

AKNA, AT hook transcription factor, KIAA1968, Microtubule organization protein AKNA, RP11 8211.4

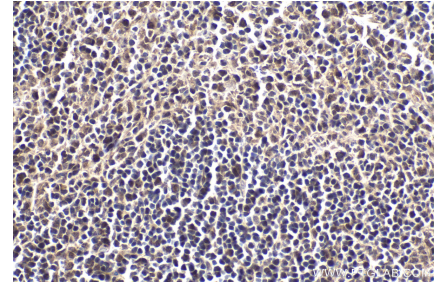
## Selected Validation Data



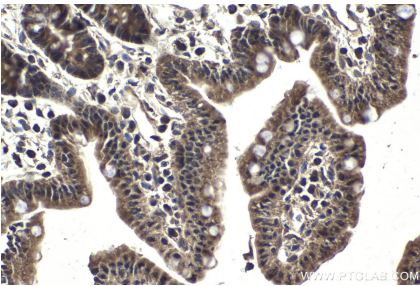
Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using KHC1803 (AKNA IHC Kit).



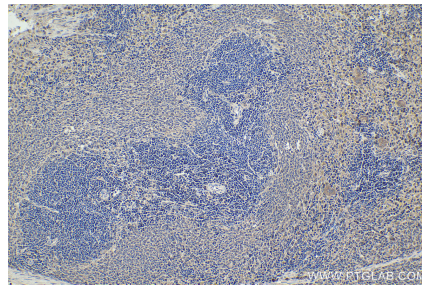
Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using KHC1803 (AKNA IHC Kit).



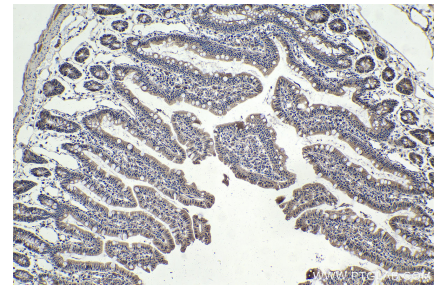
Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using KHC1803 (AKNA IHC Kit).



Immunohistochemical analysis of paraffin-embedded mouse small intestine tissue slide using KHC1803 (AKNA IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat spleen tissue slide using KHC1803 (AKNA IHC Kit).



Immunohistochemical analysis of paraffin-embedded rat small intestine tissue slide using KHC1803 (AKNA IHC Kit).