

# IHC*easy* NUSAP1 Ready-To-Use IHC Kit

Catalog Number: **KHC2883**

## General Information

Sample type: FFPE tissue	Assay type: Immunohistochemistry
Cited sample type:	Primary antibody type: Rabbit Polyclonal
Reactivity: Human	Secondary antibody type: Polymer-HRP-Goat anti-Rabbit
Cited Reactivity:	

## 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.

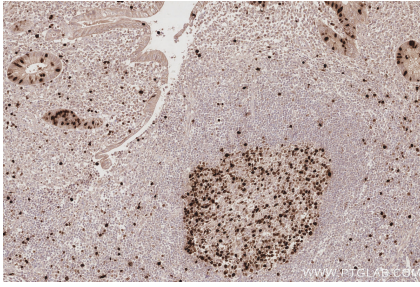
## Background

NUSAP1, also named as ANKT, belongs to the NUSAP family. It is microtubule-associated protein with the capacity to bundle and stabilize microtubules. NUSAP1 may associate with chromosomes and promote the organization of mitotic spindle microtubules around them. NUSAP1 plays a role in connecting apoptosis with cell migration and it is a potentially involved in morphogenesis in vertebrates. NUSAP1 is an immunogenic antigen in 65% of patients with AML following allogeneic HCT and suggests a tumor antigen role. NuSAP1 protein level is tightly regulated by the APC/C ubiquitin ligase complex and NuSAP induces mitotic arrest dependent of its microtubule affinity. NUSAP1 is overexpressed in pituitary adenomas.

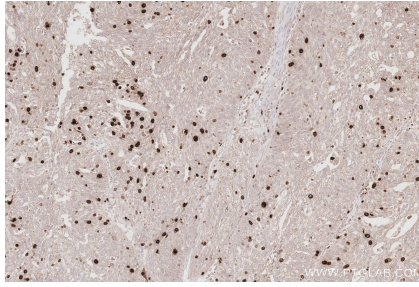
## Synonyms

ANKT, BM037, BM-037, LNP, Nucleolar and spindle-associated protein 1

## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human appendicitis tissue slide using KHC2883 (NUSAP1 IHC Kit).



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using KHC2883 (NUSAP1 IHC Kit).