



# IHCeasy DMAP1 Ready-To-Use IHC Kit

Catalog Number: KHC1953

**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.

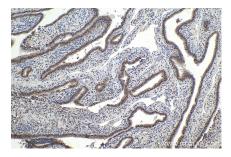
#### Background

DMAP1 (DNA methyltransferase 1-associated protein 1) a component of the NuA4 histone acetyltransferase complex, was originally identified as an interacting molecule with DNA methyltransferase 1 (DNMT1) which co-localizes with PCNA at DNA replication foci. DMAP1 is required for DNA repair and acts against genomic instability. DMAP1 is widely implicated in transcription repression and activation via its interaction with multiple targets including histone deacetylase2 (HDAC2).

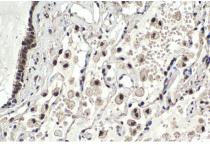
#### **Synonyms**

DMAP1, DNMAP1, DNMT1 associated protein 1, DNMTAP1, EAF2, KIAA1425, SWC4

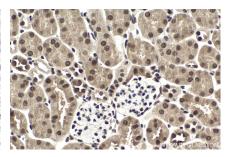
## Selected Validation Data



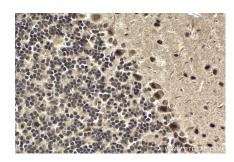
Immunohistochemical analysis of paraffinembedded human ovary tumor tissue slide using KHC1953 (DMAP1 IHC Kit).



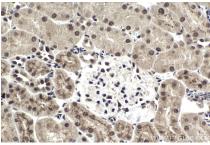
Immunohistochemical analysis of paraffinembedded human lung cancer tissue slide using KHC1953 (DMAP1 IHC Kit).



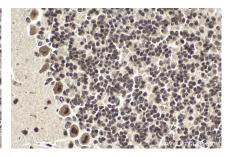
Immunohistochemical analysis of paraffinembedded mouse kidney tissue slide using KHC1953 (DMAP1 IHC Kit).



Immunohistochemical analysis of paraffinembedded mouse cerebellum tissue slide using KHC1953 (DMAP1 IHC Kit).



Immunohistochemical analysis of paraffinembedded rat kidney tissue slide using KHC1953 (DMAP1 IHC Kit).



Immunohistochemical analysis of paraffinembedded rat cerebellum tissue slide using KHC1953 (DMAP1 IHC Kit).