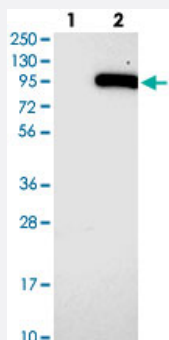


# SMYD4 polyclonal antibody

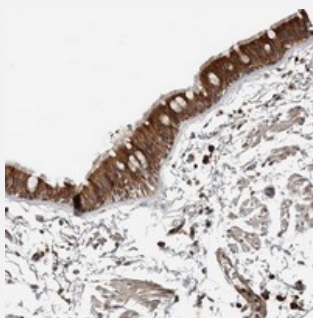
Catalog # PAB22377      Size 100 uL

## Applications



### Western Blot (Transfected lysate)

Western blot analysis of Lane 1: Negative control (vector only transfected HEK293T lysate), Lane 2: Over-expression Lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells) with SMYD4 polyclonal antibody (Cat # PAB22377) at 1:250-1:500 dilution.



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human bronchus with SMYD4 polyclonal antibody (Cat # PAB22377) shows strong cytoplasmic positivity in respiratory epithelial cells at 1:50-1:200 dilution.

## Specification

|                     |   |
|---------------------|---|
| Product Description | Rabbit polyclonal antibody raised against recombinant SMYD4.                              |
| Immunogen           | Recombinant protein corresponding to amino acids of human SMYD4.                          |
| Sequence            | ACQTEAHRMAAGPRWEAFCCNSCGAPMQGDDVLRGSRSCAESAVSRDHLVSRQLQDLQQQV<br>RVAQKLLRDGELERAVQRLSGCQR |
| Host                | Rabbit  |
| Reactivity          | Human   |
| Form                | Liquid  |

|                     |   |
|---------------------|---|
| Purification        | Antigen affinity purification   |
| Isotype             | IgG   |
| Recommend Usage     | Immunohistochemistry (1:50-1:200)<br>Western Blot (1:250-1:500)<br>The optimal working dilution should be determined by the end user. |
| Storage Buffer      | In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)   |
| Storage Instruction | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                                |
| Note                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                |

## Applications

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## Gene Info — SMYD4

|                    |                                  |
|--------------------|----------------------------------|
| Entrez GeneID      | <a href="#">114826</a>           |
| Protein Accession# | <a href="#">Q8IYR2</a>           |
| Gene Name          | SMYD4                            |
| Gene Alias         | KIAA1936, ZMYND21                |
| Gene Description   | SET and MYND domain containing 4 |
| Gene Ontology      | <a href="#">Hyperlink</a>        |
| Other Designations | -                                |

## Disease

- [Tobacco Use Disorder](#)