

## Rabbit PDCD5 Polyclonal Antibody | anti-STK39 antibody

PDCD5 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                 |
|-----------|--------|-------------------|--------------------------------------------------------------|
| AAA39285  | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunocytochemistry, Western Blot, ELISA |

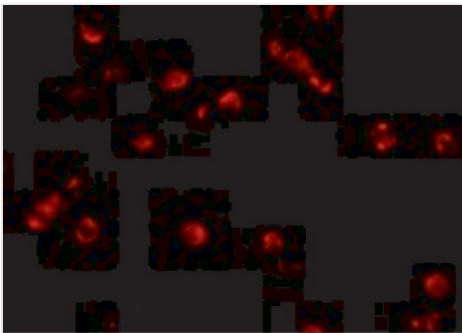
### PRODUCT SYNONYMS

PDCD5; Polyclonal Antibody; PDCD5 Antibody; DCHT; PASK; SPAK; Ste-20-related kinase; serine threonine kinase 39 (STE20/SPS1 homolog; yeast); anti-STK39 antibody

### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                                                                                                             |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                                                                                                      |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                                                                                                                           |
| Clonality                                       | Polyclonal                                                                                                                                                                                                                                                  |
| Isotype                                         | IgG                                                                                                                                                                                                                                                         |
| Purity/Purification                             | PDCD5 Antibody is affinity chromatography purified via peptide column.                                                                                                                                                                                      |
| Form/Format                                     | Liquid                                                                                                                                                                                                                                                      |
| Concentration                                   | 1 mg/mL (varies by lot)                                                                                                                                                                                                                                     |
| Sequence Length                                 | 545                                                                                                                                                                                                                                                         |
| Applicable Applications for anti-STK39 antibody | IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA                                                                                                                                                                                |
| Conjugate                                       | Unconjugated                                                                                                                                                                                                                                                |
| Immunogen                                       | PDCD5 antibody was raised against a 21 amino acid synthetic peptide from near the carboxy terminus of human PDCD5.                                                                                                                                          |
| Buffer                                          | PDCD5 Antibody is supplied in PBS containing 0.02% sodium azide.                                                                                                                                                                                            |
| Preparation and Storage                         | PDCD5 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures. |

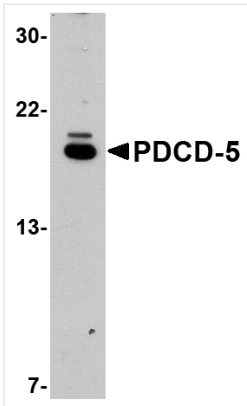
IMAGES



**IF (Immunofluorescence)**  
Immunofluorescence of PDCD5 in Jurkat cells with PDCD5 antibody at 10 µg/mL.



**ICC (Immunocytochemistry)**  
Immunocytochemistry of PDCD5 in Jurkat cells with PDCD5 antibody at 2 µg/mL.



**WB (Western Blot)**  
Western blot analysis of PDCD5 in EL4 cell lysate with PDCD5 antibody at 1 µg/mL.

ADDITIONAL INFORMATION

**Related Product Information for anti-STK39 antibody**

PDCD5 Antibody: Programmed cell death 5 (PDCD5), a human apoptosis-related protein, is thought to play an early and universal role in apoptosis. PDCD5 is widely expressed and is upregulated in cells undergoing apoptosis, where it translocates rapidly from the cytoplasm to the nucleus. PDCD5 has a compact core structure of low flexibility with two mobile alpha-helices at N-terminal and a flexible unstructured C-terminal region. The charged residues are crucial for the ability of apoptosis-promoting and cell translocation of the protein. PDCD5 can facilitate apoptosis and enhance TAJ/TROY-induced paraptosis-like cell death. PDCD5 may play a dual role in the Tip60 pathway. It interacts with Tip60 and functions as a Tip60 co-activator to promote apoptosis. The nucleotide polymorphisms in the 5'-upstream region of PDCD5 affect promoter activity and the susceptibility of a Chinese population to develop chronic myelogenous leukemia and may represent a novel tumor suppressor gene influencing lung cancer.

NCBI AND UNIPROT INFORMATION

|                           |                                                        |
|---------------------------|--------------------------------------------------------|
| NCBI GI #                 | 115430252                                              |
| NCBI GeneID               | 27347                                                  |
| NCBI Accession #          | CAG33215                                               |
| NCBI GenBank Nucleotide # | NM_013233.2                                            |
| UniProt Accession #       | Q9UEW8; O14774; Q53S90; Q53SL7; Q53SS1; Q9UER4; X5D9C8 |
| Molecular Weight          | 57,937 Da                                              |
| NCBI Official Full Name   | STE20/SPS1-related proline-alanine-rich protein kinase |

|                                  |                                                                                                                                                                                                                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Official Synonym Full Names | serine threonine kinase 39                                                                                                                                                                                                                                                                            |
| NCBI Official Symbol             | STK39                                                                                                                                                                                                                                                                                                 |
| NCBI Official Synonym Symbols    | DCHT; PASK; SPAK                                                                                                                                                                                                                                                                                      |
| NCBI Protein Information         | STE20/SPS1-related proline-alanine-rich protein kinase; STE20/SPS1 homolog; ste-20-related kinase; Ste20-like protein kinase; small intestine SPAK-like kinase; serine/threonine-protein kinase 39; proline-alanine-rich STE20-related kinase; serine threonine kinase 39 (STE20/SPS1 homolog, yeast) |
| UniProt Protein Name             | STE20/SPS1-related proline-alanine-rich protein kinase                                                                                                                                                                                                                                                |
| UniProt Gene Name                | <b>STK39</b>                                                                                                                                                                                                                                                                                          |
| UniProt Synonym Gene Names       | SPAK; Ste-20-related kinase                                                                                                                                                                                                                                                                           |
| UniProt Entry Name               | STK39_HUMAN                                                                                                                                                                                                                                                                                           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pdcd5-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/39285>