

## Rabbit DISC1 Polyclonal Antibody | anti-DISC1 antibody

DISC1 Polyclonal Antibody

|                              |                       |                                        |                                                           |
|------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA37092</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

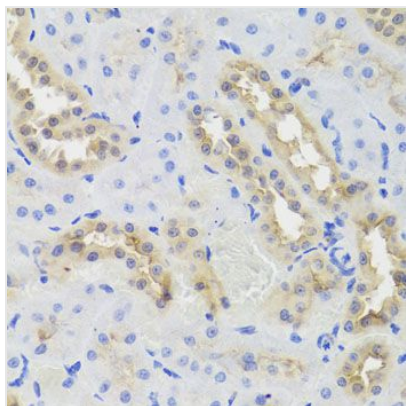
### PRODUCT SYNONYMS

DISC1; Polyclonal Antibody; DISC1 Polyclonal Antibody; SCZD9; C1orf136; anti-DISC1 antibody

### PRODUCT SPECIFICATIONS

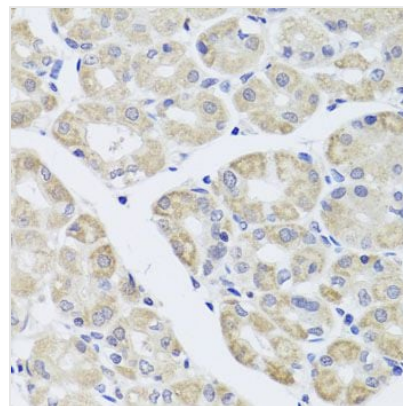
|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Human, Mouse, Rat                                                                                                                                     |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Isotype                                         | IgG                                                                                                                                                   |
| Purity/Purification                             | Affinity Purification                                                                                                                                 |
| Concentration                                   | 1mg/ml (varies by lot)                                                                                                                                |
| Sequence Length                                 | 854                                                                                                                                                   |
| Applicable Applications for anti-DISC1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Species                                         | Human                                                                                                                                                 |
| Route                                           | Synthetic Peptide                                                                                                                                     |
| Immunogen                                       | A synthetic peptide of human DISC1                                                                                                                    |
| Calculated Molecular Weight                     | 60kDa                                                                                                                                                 |
| Preparation and Storage                         | Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |

### IMAGES



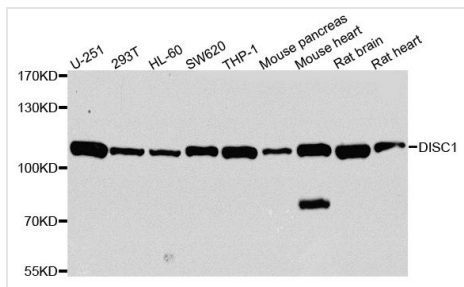
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using DISC1 antibody at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using DISC1 antibody at dilution of 1:100 (40x lens).



#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using DISC1 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.

## ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-DISC1 antibody</b> | This gene encodes a protein with multiple coiled coil motifs which is located in the nucleus, cytoplasm and mitochondria. The protein is involved in neurite outgrowth and cortical development through its interaction with other proteins. This gene is disrupted in a t(1;11)(q42.1;q14.3) translocation which segregates with schizophrenia and related psychiatric disorders in a large Scottish family. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. |
| <b>Product Categories/Family for anti-DISC1 antibody</b>   | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                                                                |
|-----------------------------------------|------------------------------------------------------------------------------------------------|
| <b>NCBI GI #</b>                        | 160332362                                                                                      |
| <b>NCBI GeneID</b>                      | 27185                                                                                          |
| <b>UniProt Accession #</b>              | Q9NRI5; O75045; Q5VT44; A6NLH2; C4P091; C4P095; C4P0A1; C4P0A3; C4P0B3; C4P0B6; C4P0C1; C9J6D0 |
| <b>Molecular Weight</b>                 | 854                                                                                            |
| <b>NCBI Official Full Name</b>          | Disrupted in schizophrenia 1 protein                                                           |
| <b>NCBI Official Synonym Full Names</b> | disrupted in schizophrenia 1                                                                   |
| <b>NCBI Official Symbol</b>             | DISC1                                                                                          |
| <b>NCBI Official Synonym Symbols</b>    | SCZD9; C1orf136                                                                                |
| <b>NCBI Protein Information</b>         | disrupted in schizophrenia 1 protein                                                           |
| <b>UniProt Protein Name</b>             | Disrupted in schizophrenia 1 protein                                                           |
| <b>UniProt Gene Name</b>                | <b>DISC1</b>                                                                                   |
| <b>UniProt Synonym Gene Names</b>       | KIAA0457                                                                                       |
| <b>UniProt Entry Name</b>               | DISC1_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://www.aaabiotech.com/polyclonal/disc1-antibody-immunohistochemistry-western-blot-elisa/37092>