

## Rabbit anti-Human Spectrin Beta Polyclonal Antibody | anti-SPTbN4 antibody

Polyclonal Antibody to Spectrin Beta, Non Erythrocytic 4 (SPTbN4)

|                               |                       |                            |                                                                                       |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA142815</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------------------------------------------------|

### PRODUCT SYNONYMS

Spectrin Beta; Polyclonal Antibody; Polyclonal Antibody to Spectrin Beta; Non Erythrocytic 4 (SPTbN4); anti-SPTbN4 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                               |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                        |
| Reactivity                                       | Human                                                                                                                                                                                         |
| Clonality                                        | Polyclonal                                                                                                                                                                                    |
| Specificity                                      | The antibody is a rabbit polyclonal antibody raised against SPTbN4. It has been selected for its ability to recognize SPTbN4 in immunohistochemical staining and western blotting.            |
| Purity/Purification                              | Affinity Chromatography                                                                                                                                                                       |
| Form/Format                                      | Liquid                                                                                                                                                                                        |
| Concentration                                    | 500ug/mL (varies by lot)                                                                                                                                                                      |
| Applicable Applications for anti-SPTbN4 antibody | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                               |
| Fragment                                         | SPTbN4 (Lys64~Ser285)                                                                                                                                                                         |
| Organism Species                                 | Homo sapiens (Human)                                                                                                                                                                          |
| Cross Reactivity                                 | Pig                                                                                                                                                                                           |
| Conjugate                                        | No Conjugate                                                                                                                                                                                  |
| Immunogen                                        | Recombinant SPTbN4 (Lys64~Ser285) expressed in E Coli.                                                                                                                                        |
| Conjugated Antibody                              | The APC conjugated antibody version of this item is also available as                                                                                                                         |
| Preparation and Storage                          | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles. |

### IMAGES



**IHC (Immunohistochemistry)**

DAB staining on IHC-P. Samples: Human Tissue



**WB (Western Blot)**

Western Blot: Sample: Recombinant protein.



**WB (Western Blot)**

Western Blot: Sample: Porcine Pancreas lysate; Primary Ab: 1ug/ml Rabbit Anti-Human SPTbN4 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

**NCBI AND UNIPROT INFORMATION**

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 115430237                                                      |
| NCBI GeneID                      | 57731                                                          |
| NCBI Accession #                 | NP_066022.2                                                    |
| NCBI GenBank Nucleotide #        | NM_020971.2                                                    |
| UniProt Accession #              | Q9H254; Q9H1K7; Q9H1K8; Q9H1K9; Q9H253; Q9H3G8; Q9HCD0; E9PGQ5 |
| Molecular Weight                 | 77,167 Da                                                      |
| NCBI Official Full Name          | spectrin beta chain, non-erythrocytic 4 isoform sigma1         |
| NCBI Official Synonym Full Names | spectrin beta, non-erythrocytic 4                              |
| NCBI Official Symbol             | SPTBN4                                                         |
| NCBI Official Synonym Symbols    | QV; CMND; SPNB4; SPTBN3                                        |
| NCBI Protein Information         | spectrin beta chain, non-erythrocytic 4                        |
| UniProt Protein Name             | Spectrin beta chain, non-erythrocytic 4                        |
| UniProt Gene Name                | <b>SPTBN4</b>                                                  |
| UniProt Synonym Gene Names       | KIAA1642; SPTBN3                                               |

**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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