# Rabbit anti-Human SYNE2 Polyclonal Antibody | anti-SYNE2 antibody

Anti-SYNE2 Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA266150** | **Rabbit** | **Human** | **Immunohistochemistry, Western Blot** |

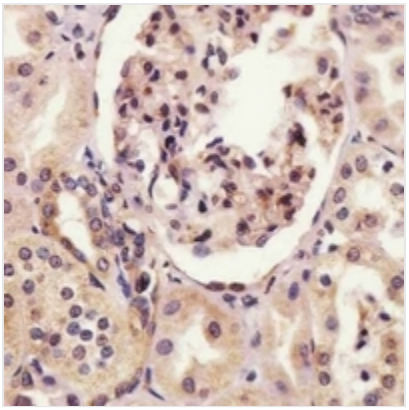
## PRODUCT SYNONYMS

SYNE2; Polyclonal Antibody; Anti-SYNE2 Antibody; anti-SYNE2 antibody

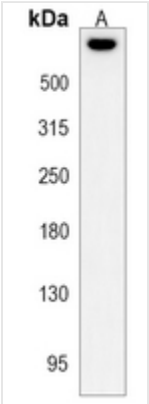
## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human |
| **Clonality** | Polyclonal |
| **Specificity** | Recognizes endogenous levels of SYNE2 protein. |
| **Purity/Purification** | The antibody was purified by immunogen affinity chromatography. |
| **Form/Format** | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide. |
| **Applicable Applications for anti-SYNE2 antibody** | IHC (Immunohistochemistry), WB (Western Blot) |
| **Immunogen** | KLH-conjugated synthetic peptide encompassing a sequence within the Central region of human SYNE2. The exact sequence is proprietary. |
| **Preparation and Storage** | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |

## IMAGES



**IHC (Immunohiostchemistry)**
Immunohistochemical analysis of SYNE2 staining in human kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.




**WB (Western Blot)**
Western blot analysis of SYNE2 expression in human liver (A) whole cell lysates. (Predicted band size: 796 kD; Observed band size: 796 kD

## ADDITIONAL INFORMATION

| | |
|---|---|
| **Related Product Information for anti-SYNE2 antibody** | Rabbit polyclonal antibody to SYNE2 |
| **Product Categories/Family for anti-SYNE2 antibody** | Primary Antibodies |

## NCBI AND UNIPROT INFORMATION

| | |
|---|---|
| **NCBI GI #** | 33624861 |
| **NCBI GeneID** | 23224 |
| **NCBI Accession #** | NP_878914.1 |
| **NCBI GenBank Nucleotide #** | NM_182910.2 |
| **UniProt Accession #** | Q8WXH0; Q540G1; Q8N1S3; Q8NF49; Q8TER7; Q8WWW3; Q8WWW4; Q8WWW5; Q8WXH1; Q9NU50; Q9UFQ4 ; Q9Y2L4 |
| **Molecular Weight** | 796,442 Da |
| **NCBI Official Full Name** | nesprin-2 isoform 2 |
| **NCBI Official Synonym Full Names** | spectrin repeat containing, nuclear envelope 2 |
| **NCBI Official Symbol** | SYNE2 |
| **NCBI Official Synonym Symbols** | NUA; EDMD5; Nesp2; TROPH; NUANCE; SYNE-2; Nesprin-2 |
| **NCBI Protein Information** | nesprin-2; nesprin 2; polytrophin; synaptic nuclei expressed gene 2; synaptic nuclear envelope protein 2; nuclear envelope spectrin repeat protein 2; nucleus and actin connecting element protein |
| **UniProt Protein Name** | Nesprin-2 |
| **UniProt Gene Name** | **SYNE2** |
| **UniProt Synonym Gene Names** | KIAA1011; NUA; Protein NUANCE; Syne-2 |
| **UniProt Entry Name** | SYNE2_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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