

## Rabbit MKRN3 Polyclonal Antibody | anti-MKRN3 antibody

MKRN3 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                            |
|-----------|--------|-------------------|-----------------------------------------|
| AAA40722  | Rabbit | Human, Mouse, Rat | Immunofluorescence, Western Blot, ELISA |

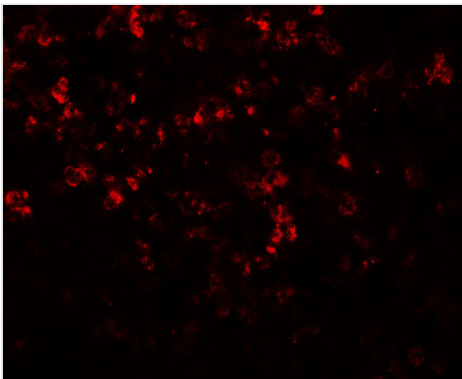
### PRODUCT SYNONYMS

MKRN3; Polyclonal Antibody; MKRN3 Antibody; Makorin ring finger 3; CPPB2; D15S9; RNF63; ZFP127; ZNF127; makorin ring finger protein 3; anti-MKRN3 antibody

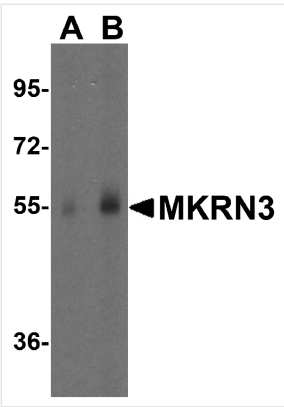
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                 |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                          |
| Reactivity                                      | Human, Mouse, Rat                                                                                                               |
| Clonality                                       | Polyclonal                                                                                                                      |
| Isotype                                         | IgG                                                                                                                             |
| Specificity                                     | MKRN3 antibody is human specific. MKRN3 antibody is predicted to not cross-react with other members of the MKRN protein family. |
| Purity/Purification                             | MKRN3 antibody is affinity chromatography purified via peptide column.                                                          |
| Form/Format                                     | Liquid                                                                                                                          |
| Concentration                                   | 1 mg/mL (varies by lot)                                                                                                         |
| Sequence Length                                 | 507                                                                                                                             |
| Applicable Applications for anti-MKRN3 antibody | IF (Immunofluorescence), WB (Western Blot), ELISA                                                                               |
| Conjugate                                       | Unconjugated                                                                                                                    |
| Immunogen                                       | MKRN3 antibody was raised against a 17 amino acid peptide near the carboxy terminus of human MKRN3.                             |
| Buffer                                          | MKRN3 antibody is supplied in PBS containing 0.02% sodium azide.                                                                |
| Preparation and Storage                         | MKRN3 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.                        |

IMAGES



**IF (Immunofluorescence)**  
Immunofluorescence of MKRN3 in human spleen tissue with MKRN3 antibody at 20 &#956;g/mL.



**WB (Western Blot)**  
Western blot analysis of MKRN3 in human spleen tissue lysate with MKRN3 antibody at (A)1 and (B) 2 &#956;g/ml.

ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-MKRN3 antibody</b> | The Makorin ring finger 3 (MKRN3) protein contains a RING (C3HC4) zinc finger motif and several C3H zinc finger motifs. The MKRN3 gene is intronless and imprinted, with expression only from the paternal allele. Disruption of the imprinting at this locus may contribute to Prader-Willi syndrome (1), but a deletion of the gene does not (2). A deficiency of MKRN3 has been shown to cause central precocious puberty in humans (3). |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 5032243                                                                                         |
| NCBI GeneID                      | 7681                                                                                            |
| NCBI Accession #                 | NP_005655                                                                                       |
| NCBI GenBank Nucleotide #        | NM_005664.3                                                                                     |
| UniProt Accession #              | Q6NSB6; Q13064                                                                                  |
| Molecular Weight                 | Predicted: 55 kDa<br>Observed: 55 kDa                                                           |
| NCBI Official Full Name          | probable E3 ubiquitin-protein ligase makorin-3                                                  |
| NCBI Official Synonym Full Names | makorin ring finger protein 3                                                                   |
| NCBI Official Symbol             | MKRN3                                                                                           |
| NCBI Official Synonym Symbols    | CPPB2; D15S9; RNF63; ZFP127; ZNF127                                                             |
| NCBI Protein Information         | probable E3 ubiquitin-protein ligase makorin-3; RING finger protein 63; zinc finger protein 127 |
| UniProt Protein Name             | Probable E3 ubiquitin-protein ligase makorin-3                                                  |
| UniProt Gene Name                | <b>MKRN3</b>                                                                                    |
| UniProt Synonym Gene Names       | D15S9; RNF63; ZNF127                                                                            |
| UniProt Entry Name               | MKRN3_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.