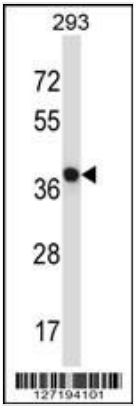
# NECAB1 Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | NECAB1, Polyclonal Antibody |
| **Full Product Name** | NECAB1, ID (NECAB1, EFCBP1, N-terminal EF-hand calcium-binding protein 1, Neuronal calcium-binding protein 1) (PE) |
| **Product Gene Name** | anti-NECAB1 antibody |
| **Product Synonym Names** | NECAB1; EFCBP1; N-terminal EF-hand calcium-binding protein 1; Neuronal calcium-binding protein 1 |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE). |
| **Purity/Purification** | Purified by Protein A Affinity Chromatography. |
| **Preparation and Storage** | Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap. |
| **Molecular Weight** | 11,814 Da |
| **3D Structure** | ModBase 3D Structure for Q8N987 |
| **Immunogen** | NECAB1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 207-236 amino acids from the Central region of human NECAB1. |
| **Conjugate** | PE |
| **Note** | Preservative Free |
| **Special Handling** | Light sensitive |
| **Product Categories/Family for anti-NECAB1 antibody** | Antibodies; Binding Proteins; Calcium |
| **Applications Tested/Suitable for anti-NECAB1 antibody** | Western Blot (WB), FLISA |
| **Application Notes for anti-NECAB1 antibody** | WB: 1:100-500<br>FLISA: 1:1,000<br>Applications are based on unconjugated antibody. |
| **Related Product Information for anti-NECAB1 antibody** | MBS6324484 is an antibody targeting NECAB1. Also known as NECAB1, ID (NECAB1, EFCBP1, N-terminal EF-hand calcium-binding protein 1, Neuronal calcium-binding protein 1) (PE). Reactive in Human. Host: Rabbit. |
| **Product References and Citations for anti-NECAB1 antibody** | Wu, H., et al. DNA Seq. 18(1):73-79(2007). Sugita, S., et al. Neuroscience 112(1):51-63(2002). |
| **Other Notes** | Small volumes of anti-NECAB1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |




**Western Blot (WB) of anti-NECAB1 antibody**
NECAB1 Antibody (Center) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the NECAB1 antibody detected the NECAB1 protein (arrow).

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NECAB1. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 24308279 |
| **NCBI GeneID** | 64168 |
| **NCBI Accession #** | NP_071746.1 |
| **UniProt Primary Accession #** | Q8N987 |
| **UniProt Secondary Accession #** | Q6NUS7; Q96AZ7; Q9HBW8 |
| **UniProt Related Accession #** | Q8N987 |
| **GenBank Nucleotide #** | NM_022351.4 |
| **NCBI Official Full Name** | N-terminal EF-hand calcium-binding protein 1 |
| **NCBI Official Synonym Full Names** | N-terminal EF-hand calcium binding protein 1 |
| **NCBI Official Symbol** | NECAB1 |
| **NCBI Official Synonym Symbols** | EFCBP1; STIP-1 |
| **UniProt Protein Name** | N-terminal EF-hand calcium-binding protein 1 |
| **UniProt Synonym Protein Names** | Neuronal calcium-binding protein 1 |
| **Protein Family** | N-terminal EF-hand calcium-binding protein |
| **UniProt Gene Name** | NECAB1 |
| **UniProt Synonym Gene Names** | EFCBP1; EF-hand calcium-binding protein 1 |
| **UniProt Entry Name** | NECA1_HUMAN |
| **NCBI Protein Information** | N-terminal EF-hand calcium-binding protein 1 |
| **UniProt Comments for NECAB1** | NECAB1: 2 isoforms of the human protein are produced by alternative splicing.<br><br>Chromosomal Location of Human Ortholog: 8q21.3<br><br>Cellular Component: nucleoplasm; cytoplasm; nucleus<br><br>Molecular Function: calcium ion binding |

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| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
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