

**C1orf172 Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11187a****Specification**

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**C1orf172 Antibody (N-term) Blocking peptide - Product Information**

Primary Accession [Q8NAX2](#)  
Other Accession [NP\\_689578.2](#)

**C1orf172 Antibody (N-term) Blocking peptide - Additional Information**

**Gene ID** 126695

**Other Names**

Keratinocyte differentiation factor 1, KDF1, C1orf172

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**C1orf172 Antibody (N-term) Blocking peptide - Protein Information**

**Name** KDF1

**Synonyms** C1orf172

**Function**

Plays a role in the regulation of the epidermis formation during early development. Required both as an inhibitor of basal cell proliferation and a promoter of differentiation of basal progenitor cell progeny (By similarity).

**Cellular Location**

Cytoplasm {ECO:0000250|UniProtKB:A2A9F4}. Cell junction {ECO:0000250|UniProtKB:A2A9F4}. Note=Localized at cell borders in single layered keratinocytes. Localized at cell borders in the basal and spinous layers but is more diffusely localized in the granular layer. Colocalized with actin near the cell membrane, especially in cellular protrusions (By similarity). {ECO:0000250|UniProtKB:A2A9F4}

**C1orf172 Antibody (N-term) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

#### **C1orf172 Antibody (N-term) Blocking peptide - Images**

#### **C1orf172 Antibody (N-term) Blocking peptide - Background**

Catalytic subunit of the N-terminal acetyltransferase C (NatC) complex. Catalyzes acetylation of the N-terminal methionine residues of peptides beginning with Met-Leu-Ala and Met-Leu-Gly. Necessary for the lysosomal localization and function of ARL8B.