

**C20orf196 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11624b****Specification**

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**C20orf196 Antibody (C-term) Blocking peptide - Product Information**Primary Accession [Q8IYI0](#)**C20orf196 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 149840**Other Names**

Uncharacterized protein C20orf196, C20orf196

**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.

**C20orf196 Antibody (C-term) Blocking peptide - Protein Information****Name** SHLD1 ([HGNC:26318](#))**Function**

Component of the shieldin complex, which plays an important role in repair of DNA double-stranded breaks (DSBs). During G1 and S phase of the cell cycle, the complex functions downstream of TP53BP1 to promote non-homologous end joining (NHEJ) and suppress DNA end resection. Mediates various NHEJ-dependent processes including immunoglobulin class-switch recombination, and fusion of unprotected telomeres.

**Cellular Location**

Chromosome.

**C20orf196 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**C20orf196 Antibody (C-term) Blocking peptide - Images**

**C20orf196 Antibody (C-term) Blocking peptide - Background**

The specific function of the protein remains unknown.

**C20orf196 Antibody (C-term) Blocking peptide - References**

Strausberg, R.L., et al. Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903(2002)