

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

Specification

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)