

WFDC1 Antibody (C-term H163) Blocking peptide
Synthetic peptide
Catalog # BP12472b**Specification**

WFDC1 Antibody (C-term H163) Blocking peptide - Product InformationPrimary Accession [Q9HC57](#)**WFDC1 Antibody (C-term H163) Blocking peptide - Additional Information****Gene ID** 58189**Other Names**

WAP four-disulfide core domain protein 1, Prostate stromal protein ps20, ps20 growth inhibitor, WFDC1, PS20

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.

WFDC1 Antibody (C-term H163) Blocking peptide - Protein Information**Name** WFDC1**Synonyms** PS20**Function**

Has growth inhibitory activity.

Cellular Location

Secreted.

WFDC1 Antibody (C-term H163) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

WFDC1 Antibody (C-term H163) Blocking peptide - Images**WFDC1 Antibody (C-term H163) Blocking peptide - Background**

This gene encodes a member of the WAP-type four disulfidecore domain family. The WAP-type four-disulfide core domain, or WAPsignature motif, contains eight cysteines forming four disulfidebonds at the core of the protein, and functions as a proteaseinhibitor in many family members. The encoded protein shares 81%amino acid identity with the rat ps20 protein, which was originallyidentified as a secreted growth inhibitor. This gene is mapped tochromosome 16q24, an area of frequent loss of heterozygosity incancers, including prostate, breast and hepatocellular cancers andWilms' tumor. Owing to its location and a possible growthinhibitory property of its gene product, this gene is suggested tobe a tumor suppressor gene.

WFDC1 Antibody (C-term H163) Blocking peptide - References

Briggs, F.B., et al. Genes Immun. 11(3):199-208(2010)Madar, S., et al. Carcinogenesis 30(1):20-27(2009)Liu, S., et al. Clin. Exp. Metastasis 26(7):739-749(2009)Alvarez, R., et al. J. Virol. 82(1):471-486(2008)Watson, J.E., et al. Prostate 61(2):192-199(2004)