

HSF2 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP18804c**Specification**

HSF2 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q03933](#)**HSF2 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 3298**Other Names**

Heat shock factor protein 2, HSF 2, Heat shock transcription factor 2, HSTF 2, HSF2, HSTF2

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.

HSF2 Antibody (Center) Blocking Peptide - Protein Information**Name** HSF2**Synonyms** HSTF2**Function**

DNA-binding protein that specifically binds heat shock promoter elements (HSE) and activates transcription. In higher eukaryotes, HSF is unable to bind to the HSE unless the cells are heat shocked.

Cellular Location

Cytoplasm. Nucleus. Note=Cytoplasmic during normal growth and moves to the nucleus upon activation

HSF2 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

HSF2 Antibody (Center) Blocking Peptide - Images

HSF2 Antibody (Center) Blocking Peptide - Background

HSF2, as well as the related gene HSF1, encodes a protein that binds specifically to the heat-shock element and has homology to HSFs of other species. Heat shock transcription factors activate heat-shock response genes under conditions of heat or other stresses. Although the names HSF1 and HSF2 were chosen for historical reasons, these peptides should be referred to as heat-shock transcription factors.

HSF2 Antibody (Center) Blocking Peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Xing, H., et al. Cell Stress Chaperones 15(3):301-308(2010) Sandqvist, A., et al. Mol. Biol. Cell 20(5):1340-1347(2009) Tateishi, Y., et al. J. Biol. Chem. 284(4):2435-2447(2009) Vieira, A.R., et al. Genet. Med. 10(9):668-674(2008)